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McGredy  
Scarlet

Talisman

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★ FEB 24 1938  
U. S. Department of Agriculture

Mrs.  
Pierre S.  
du Pont

Columbia

E. G. Hill

Pres.  
Herbert  
Hoover

# Sonderegger

TREES AND SEEDS THAT GROW

NURSERIES  
and SEED HOUSE

BEATRICE, NEBRASKA

## Roses on this page

(From lower left to upper right corner)

Pres. H. Hoover  
E. G. Hill  
Mrs. P. S. Du Pont  
McGredy Scarlet  
Columbia  
Talisman

All 2-Year No. 1  
Roses  
48c Each,  
Any 3 for \$1.15,  
Any 6 for \$2.10,  
Postpaid

(See pages 26 to 30 for full assortment)

1938 Spring  
Garden  
Book



# Hardy NORTHWEST PLUMS

Special young bearing strains, highly productive; these Sonderegger trees, with their wonderful roots and healthy tops, will satisfy you in every respect.

## WANETA

Actual Plums are twice as large as the picture (left) shows. Nothing equals the productivity of this wonderful tree. Bears very young. Include Waneta in your home orchard or garden, for large and early crops.

## Sonderegger's Collection of HARDY PLUMS

- 1 Waneta Plum
- 1 Hanska Plum
- 1 Opata (Blue) Plum
- 1 Compass Cherry Plum

All selected trees, true to label, 3 to 4 ft., postpaid for **\$1.45**

## HARDY POLLY PEACH

One of the surest bearers of all Peach varieties, due to its increased hardiness. Its quality as a mid-season freestone Peach is as good as the best; a fine Peach in every respect. An abundant supply of true-to-name Polly Peach trees, well rooted, extra fine specimens, enables me to offer them for this season at this extra low price: 2-3 ft., 30c each; 3-4 ft., 40c each, postpaid. 4-6 ft., 60c each.

For a full list of all Plums, see page 8.

All fancy, budded Peaches, see page 10.

Waneta  
Plum

## HANSKA

(Pictured below)

Fruit of extra fine quality, with very pleasing apricot flavor. Your orchard should include this Plum. Like all Hansen Hybrids it bears exceptionally young and furnishes an abundance of fruit. For quick results, grow these Plums.

## COMPASS CHERRY PLUM

A cross between a Plum and a Cherry, resulting in a most useful fruit for canning purposes. Quality is very good. The outstanding value of this tree is particularly apparent in its wonderful bearing ability, producing enormous crops, and bearing young, beginning the second year. Plant them anywhere, they do not require much room. Special price, 3- to 4-ft. trees, 3 for \$1.00, postpaid. 4- to 6-ft. trees, only 45c each.





**What date can you usually start setting out nursery stock in your locality? (Or in other words, how early is the frost usually out of the ground?)**

# ORDER SHEET

**DO NOT WASTE THIS SPACE**

# SONDEREGGER NURSERIES AND SEED HOUSE

# BEATRICE, NEBRASKA

1938

**All Remittances by Postoffice Order, Express Money Order, Bank Draft and Registered Letter at our risk**  
Do not send currency in ordinary letters without registering—it is not safe.

**Your Name** \_\_\_\_\_ (If convenient, always order in the name of the same member of your household).

Street

## Box

# State

**and  
Express  
Station**

( If different from Post-office, give name of the town or city in which your nearest freight or express office is located.

## How shall we ship, Freight, Express or Parcel Post?

**Name your Railroad Co.**

Total Amt. enclosed, \$

**VERY IMPORTANT: YOUR ADDRESS SHOULD BE COMPLETE AND PLAINLY WRITTEN ABOVE.**

[illegible]



**KINDLY USE THIS SIDE OF SHEET FOR YOUR SEED ORDER**

**SLUG SHOT.** The only non-poisonous insecticide for use on cabbage, celery or anything that is used in the kitchen. Apply in dust form. Pound, 33c postpaid. For larger quantities see page 74.

Do not forget to order our **Three-in-One Inoculator**. One small container is enough for your Beans, Peas and Sweet Peas. Price 20c, postpaid (See Nitragin page 74).

**BE SURE TO GIVE YOUR FULL NAME AND ADDRESS, WITH FULL SHIPPING INSTRUCTIONS ON OTHER SIDE**

In Case Price Is Wrong or Price Has Changed:  
 Shall we fill exact amount ordered and adjust price later? \_\_\_\_\_ Or shall we fill exactly  
 the amount of money sent? \_\_\_\_\_ If out of variety ordered do we have your permission to  
 substitute equal or better in the nearest we can supply? \_\_\_\_\_

[illegible]

**BE SURE AND GIVE YOUR FULL NAME AND ADDRESS WITH FULL SHIPPING INSTRUCTIONS ON OTHER SIDE**





## Fancy RHUBARB (PIE PLANT)

My Giant Rhubarb, the heaviest producing variety on the market, will produce for you an unexcelled quality of Rhubarb. The stalks are heavy, 12 to 16 inches long, of uniform size, lower half of crimson color. This Rhubarb is tender, possesses a remarkably fine flavor. I furnish whole roots, solid with nice crowns, ready to do well in your garden. This is the best grade of roots you can plant, and far superior to hollow crowns, or old root divisions. Realizing that due to drought many of the old plantings have to be replanted, I am anxious to help my customers get new plantings started, and am pricing the roots very low.

### STANDARD SIZE ROOTS

$\frac{3}{4}$  to 1-inch thick, 3 for 25c; 10 for 70c; 25 for \$1.50; postpaid.

### EXTRA HEAVY ROOTS

1 to  $1\frac{1}{2}$ -inch thick, very good, and fresh stock, 3 for 40c; 8 for 80c; 12 for \$1.00; postpaid.



## Chautauqua The Large Sweet Gooseberry

NOTE COLORED PHOTO ON REAR  
INSIDE COVER PAGE.

This is not a new Gooseberry; it has been on the market for many years, but was always so scarce that the demand could never be fully supplied. And being rather slow to propagate it was never possible to grow large quantities of this plant. The bush is of spreading habit, growing to even, well branched bush form. The berries are extra large, oval, greenish yellow when ripe, and will get sweet, of fine quality for raw eating or canning. It is hardy wherever gooseberries can be grown. For special restrictions on Gooseberries see page 15. Place your order early so I can reserve your plants. 50c each; 3 for \$1.35; 10 for \$4.00; postpaid.

## Peach-Cot A Combination Apricot and Peach

This is a new fruit, smooth like the Russian Apricot, and large; the size of budded Peaches. The flavor is a most extraordinary blend of the finest of the Peach qualities, and the richness of the Apricot. The tree originated in Colorado, and is hardy in the Middle West. In home orchards and in commercial plantings I suggest that at least a few of this new variety are included. It will be something entirely new on the market, and for home use it will be a fruit you could not buy. 2 to 3 ft. nice trees, 60c each; 3 for \$1.65. 3 to 4 ft. branched trees, 80c each; 3 for \$2.25; postpaid.

For budded Peaches see page 10, and budded Apricote page 9. Special low prices on No. 1 stock of Apricot seedlings for quick results in windbreak rows, see page 9.

## The New Hansen Bush Cherry

I sold this variety for the first time last year; the original stock that is true to name, and I have the same stock again for 1938. This bush came through the dry summer in fine shape, and resisted drought as well as insects. It makes a pretty hedge, foundation planting, or border for taller plantings such as windbreaks where it serves as a snow-trap. The fruit is of the sand-cherry type, almost as large as the native plums with very small pit, and can be used for preserves. They are easy to start, and will grow to a height of 5 ft., can be kept lower by shearing if they are planted for a low hedge. The Bush Cherry blooms beautifully in the spring, at that time it would rank with the prettiest of white flowering shrubs. I advise you to plant a number of these true Hansen Bush Cherries, you will like them. Nice plants, 3 for 25c; 10 for 55c; 25 for \$1.10; 100 for \$3.80; postpaid.

## CHINESE ELM, the hardy strain, *Ulmus Pumilla*

For windbreak planting use my special grade of 18 to 24 inch seedlings, clean, healthy, well rooted, easy to plant and easy to grow, will make a surprisingly rapid growth. To help all my customers who are land owners restock timber that is so much needed in the Middle West I am offering these special size seedlings at \$2.10 per 100; 300 for \$5.00, prepaid to your door. For smaller and lower priced sizes, and for forest trees seedlings of many sorts see pages 20 and 21. Also makes a shade tree for quick results. Note pages 22 and 23 for choice selected specimens of Chinese Elms for ornamental and shade tree planting.



# What The New Sonderegger Garden Book Contains

Fruit trees and high class fruit producing grapes and berry plants. This part of the book is by Charles Sonderegger, the oldest member of the House of Sonderegger and its president. You can safely follow his planting instructions, and make your selection according to his descriptions.

Shade and ornamental trees, shrubs, plants and bulbs are being described for you by Fred Sonderegger. Whenever you wish to have additional information concerning the care of trees or plants, Fred will be happy to have you write him.

Wherever the advice of a designer was needed we were fortunate in having Leo Sonderegger, a landscape architect of outstanding reputation. His thorough knowledge of proper application of trees and shrubs has been partly included in this book, Leo's work being the creation of better parks, better harmony in planting. Special planting plans, individually made and designed for your purposes can be made for you by Leo. If you are interested in this special artist service kindly write, stating size of your grounds, and Leo will make you a price for the plan complete.

Seeds of vegetables and flowers have received special attention. This department is in the hands of Ernest and Arthur Sonderegger. Beginning with page 50 of this book you will find not only descriptions of vegetables but a most complete assortment of seeds of all kinds. Sonderegger customers everywhere know that rare seeds, special seed varieties, in short, everything in seeds that is not found elsewhere—Sonderegger has it. This is just one more reason why you will like this book once you have studied it.

Sonderegger never stands still. The men behind this name come from the hard school of the late Carl Sonderegger, the Midwest's outstanding nurseryman. Better trees, better plants, better seeds, and better service is the Sonderegger motto. We use up-to-date equipment in the production of our stock. We take advantage of everything modern science discovers in the interest of growing and breeding better planting stock. We test novelties carefully, and from the good we select the best. Buy under the name of Sonderegger, it is your protection.



CHAS.  
SONDEREGGER  
President



FRED  
SONDEREGGER  
Secretary-Treasurer



LEO  
SONDEREGGER  
Landscape Architect

# Your GARDEN BOOK for 1938

## FRUITS...FLOWERS VEGETABLES

### Tells You

- ★ WHAT TO PLANT
- ★ WHEN AND HOW
- ★ TO PLANT . . . .

This book is the 52nd annual garden book by Sonderegger. It has been made up entirely new, in design as well as in descriptions. We have carefully selected true-to-life photos showing how fruit or trees or plants will look in your garden. We used pictures of fruit and plants that were grown by amateurs rather than by experts.

Descriptions and planting instructions were written new. As we wrote them we pictured you here with us giving us the opportunity to give you whatever advice we can from our own actual experience as well as from the things we have learned from others. We want you to have planting material that does well with you, and that gives you the most for your investment. You find no exaggerations in this book, you can make your selection from our descriptions as good as an expert nurseryman could make it for you.

In the matter of quality we need only lay our cards on the table face up, and you will see for yourself that poor quality would put us out of business within less than a year. On the other hand it has been good quality that enabled us to stay in business for over 50 years. Our cards are: an extremely low expenditure for advertising. We keep our customers by furnishing them a good product—instead of looking for new customers at high advertising cost. We get new customers through the good will of satisfied patrons. If we would fail in keeping our customers we would also fail in getting new customers, because our card of low advertising expense would not help us out in keeping our business going.

Service is next to quality, and that also must be good for exactly the same reasons. Every one of our help knows that his bread and butter does not come from us, but that theirs as well as our own comes from you—from our customers. So we all realize who is the true boss, and who must be satisfied in order to have another pay check coming—the customer. Service, good honest service, extreme care in handling the stock, assembling the orders, packing the goods for shipping, and observing your instructions to the point—that is what we wrap around choice quality, and that is what you get.

We appreciate your patronage.

Yours for "Trees and Seeds That Grow,"



# Sonderegger Quality...

For over half a century, the highest standard.

# Sonderegger Terms...

The most liberal, fairest and reasonable.

# Sonderegger Prices...

On a grower-to-planter basis. No middleman profit.

Freight paid on all orders containing trees or plants in the amount of \$15.00 or more. Evergreen Trees and Seeds not included.

All articles quoted in this book postpaid will come to your door all charges paid by me. Trees too large to go by parcel post will come by freight or express. The prices of such trees do not include the cost of transportation. However, if your order amounts to \$15.00 or more (Seeds or Evergreens not included) I pay the freight to your nearest railroad station.

**Guarantee** All shipments are guaranteed to reach you in first class condition. Replacements are furnished free if a tree or shrub is not in satisfactory condition upon arrival, and if you notify me promptly. Stock that dies during the first growing season is replaced at one-half of the regular price. Claims, however, must reach me before October 1, 1938.

**Stock True to Name** All Sonderegger trees and plants are carefully labeled, and are true to name. However, if there should ever be an error found in the filling of an order, any tree or plant that is not true to name shall be replaced without any cost to the customer, or refund of purchase price shall be made. Claims to be sent in within 6 years from date of delivery. A stronger guarantee than most nurseries put out.

**Remittances** Money orders and bank drafts are absolutely safe to mail in a letter. Personal checks from any of our friends and customers are also accepted. Cash should be sent by registered letters only; it is not safe to send cash in ordinary letters. When the remittance is not sent in with the order, and instead the amount is to be collected on delivery (C. O. D.) one-half of the total of the order should accompany the order as a down payment. C. O. D. shipments are seldom requested; it is an expensive way of making remittances, and often causes a little delay in the delivery of live trees or plants.

**Prices** This garden book and the prices therein quoted cancel all former price lists or quotations. All prices quoted in this book are subject to change without notice after June 1, 1938.

**Fall Delivery** Most varieties of trees, plants and seeds can also be furnished in the fall. Prices in the fall depend entirely on general conditions, and especially on the growing season. Wherever possible I shall endeavor to furnish stock in the fall without advance in prices. The indications are, however, that all prices will be higher next fall, for fall delivery kindly ask for special quotation in September, stating number, variety and sizes of stock you wish. It would be my advice that you take advantage of the present low prices by buying and planting this spring.

**References** Anyone who has never dealt with us before may receive reliable information concerning the Sonderegger Nurseries and Seedhouse from any of the following institutions: First National Bank, Beatrice, Nebraska; Beatrice National Bank, Beatrice, Nebraska.

**Certificate of Inspection** Our growing fields and packing departments are inspected according to the laws of this state by the Department of Agriculture at regular intervals and a copy of the certificate of inspection accompanies each and every shipment. We comply with the laws of every state, having licenses to furnish you stock no matter where you live. The only exceptions are that if there exists a Gooseberry or Currant Quarantine in your state, such plants could not be sent to you. We guarantee our stock to pass your state inspection.

## PLANTING INSTRUCTIONS

On most pages of this book, in this space, you find an item of Planting Instructions. Read it carefully. We have sacrificed considerable space in this book to bring you these instructions from our own experience. These same spaces could have been used for profitable "Sales Talk." Descriptions throughout this book are free from exaggerations. All the actual sales talk we wish to put in this book is the following: Plant more trees, more shrubs; grow your own fruit and vegetables. Beautify your home and surroundings with trees and flowers. All these improvements are things that make life better and happier. We shall appreciate your patronage. We give you good stock, good service, and favorable prices; low prices if you take quality into consideration.



**Sonderegger Quality** Here are just a few of the trees we grow and furnish, showing the perfect root system and good development of the tops. We give you good grades in any size you may order. For more than 50 years Sonderegger stock has been known all over the United States, and in foreign countries. The name Sonderegger alone stands for clean, healthy, well rooted stock, a safe and powerful guarantee, and also stands for stock that is hardy, upland grown. The small marks shown in the branches of the trees pictured above show how to prune these trees at planting time.

**Foreign Trade** All my customers in Mexico, Panama, South America, and any European state should add 14c per pound to the price of the stock for extra postage. To Canada seeds only can be shipped. On all shipments to foreign countries we pack with special care. However, arrival in good condition cannot be guaranteed.

**10% Premium on Club Orders** When several neighbors club together and send in a combined order, we send along a premium, customer's choice, selected from this book. The premium to be worth 10% of the order total.

## Win a Prize in Sonderegger's Photo Contest

This contest is open to every Sonderegger customer. Send in snapshots of any tree or plant that you grew from our stock. Write the age of tree or plant and how you like it. Contest closes in October, the prizes are mailed out in January.

1st Prize.....\$5.00    2nd Prize.....\$3.00    3rd Prize.....\$2.00

Twelve other prizes of \$1.00 each. Our contest for 1937 closed with many entries. Practically every one was awarded a prize, owing to the fact that there were many ties. Prizes are being mailed out January, 1938. At this time I wish to thank every participant in the 1937 contest. All my customers are cordially invited to join again in my 1938 contest open now, and closing in October.

**Disclaimer on Seeds** I exercise great care to keep all seeds properly labeled, clean, and pure. However, I am compelled to make all seed sales under the following disclaimer: The Sonderegger Nurseries & Seedhouse give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds they sell, and will not be responsible for the crop. Every reputable seed house is using this same disclaimer.





# APPLES

## Pictures on Pages 4 and 5

reduced to one-half natural size, Grimes Golden, Winesap, branch of Whitney Crab, Northwestern Greening, branch of Dolgo apples, Delicious and Wealthy.

## Prices of Apple Trees

(All varieties except those quoted at 15c extra per tree.)

	1	3	10	25
2-3 ft. 2-year roots, 1-year tops, well rooted, partially branched, postpaid..	\$0.38	1.00	3.20	7.50
3-4 ft. selected No. 1 trees, well rooted and branched, postpaid....	.48	1.35	4.20	10.00
4-6 ft. extra heavy trees, splendid roots and good crowns; in size and quality the best trees that can be had	.72	2.00	6.50	15.00

My 4 to 6 ft. grade is too large to be sent by parcel post. I furnish you these trees freight prepaid if your order amounts to \$15.00 or more (Evergreens and seeds not included).

## WINTER APPLES

Ripen late and keep well, most of them keep until spring. The following are the choicest, and most popular varieties:

**Arkansas Black** I recommend this apple for Arkansas, Oklahoma and north to the southern part of Nebraska. Fruit medium to large, covered with dark red, sometimes almost black. The flesh is almost orange yellow. Keeps extra well; when picked hard-ripe this apple will keep as long as the following July. Ripens middle of October. Can furnish 2 to 3 and 3 to 4 ft. trees of this variety, no larger size.

**Winter Banana** Comes from Michigan; a hardy tree. Most productive and bears quite young. Rich in flavor, spicy and aromatic; flesh yellow, firm and juicy. Color a golden yellow; very attractive, and a good keeper. The vigorous healthy growth of this tree, its extra large leaves would even make it a desirable shade tree on the lawn. I recommend this apple for the Middle West, but not north of Nebraska. Ripens October 1.

**Ben Davis** For pies, baking and cooking this apple is one of the very best. It is also an excellent keeper, one of the oldest apples in the Middle West. Ripens middle of October. Very hardy.

Plant Apple trees 30 by 30 feet apart, or plant them 35 by 35 feet apart and plant a filler tree between each two apple trees. For filler trees, plant Plums, Sour Cherry, Dwarf Pear or Peach. These trees give you an early income from your plantings, and can be removed in later years when the apples require the entire space.

**Black Ben Davis** In quality about the same as the old fashioned Ben Davis, also in hardiness, productiveness, and in its excellent keeping quality; however, Black Ben Davis colors up much better. Preferred by the market growers. Ripens middle of October.

**Delicious, Yellow** An apple of medium size, golden yellow. Possesses a rich flavor, resembling that of pears, quite sweet. It is one of the finest table apples you can get. Perfectly hardy here, and most anywhere in the Middle West; bears young. Ripens first week in October. Add 15c per tree to prices quoted above.

**Delicious, Double Red** The illustration on upper right hand corner of page 5 shows the dark color of this apple, and this photo is just one-half of the apple's natural size. Delicious is the best paying apple on the market, and in this improved double red strain the special dark red color develops early in the ripening season, and evenly, covering the entire apple. Due to this fact the apple can be picked while still perfectly hard, and having its extra fine color. Hard-ripe picking makes this apple the longest keeper of any. Ripens October 10. Hardy in the Middle West, and the tree is a vigorous grower.

**Golden Winesap** This tree bears quite young and is extra hardy. The fruit is very large, golden yellow with red cheek, ripens first of October, and is one of the finest keepers. Due to its very rich flavor it is one of the very best cooking and baking apples. For quick results, and a fine apple for your home as well as the market I recommend Golden Winesap.

**Grimes Golden** Contains practically no acid. Combines a rich aromatic flavor with an attractive golden yellow color, and a long season of usefulness. It is one of the oldest apples in America, and still one of the very best. The tree is healthy, a good grower, and bears well, but should be pruned annually as it is inclined to grow bushy. Do not plant it north of the middle of Nebraska. Ripens end of September.

**Ingram** Yellow, covered with red, very similar to the old Janet or Geneton but better in quality. It is of medium size, and keeps well in ordinary cellars until spring. A very hardy tree. Ripens middle of October.

**Jonathan** For flavor, juiciness, in fact for a good eating apple I cannot name you a better apple than the old fashioned Jonathan. It is an apple of medium size, the tree is hardy up to the middle of Nebraska, and bears well. It keeps until about January in ordinary cellars. Ripens end of September. Except in the extreme North where it would not be hardy, a few Jonathans should be in every home orchard.

**King David** Blooms very late in the spring. Very productive, considered one of the best for shipping. Medium size, and highly colored red. Looks much like the old fashioned Jonathan, not quite as good in quality, but keeps much better. Exceptionally good for Nebraska and Kansas. Can furnish 2 to 3 and 3 to 4 ft. trees of King David, no larger sizes.

**Lady Jonathan** Originated in Central Nebraska, it is a little harder than the old fashioned Jonathan. It is superior to the latter in its keeping quality, and the apples will average a little larger in size. Ripens October 1. Supply in this tree is limited, and I have only 2 to 3 and 3 to 4 ft. sizes of Lady Jonathan.

**MacIntosh Red** A sport of the old Snow Apple. Originated in Canada. In Wyoming, Idaho, Montana and high altitudes of New Mexico my customers favor this tree, and for years I have recommended it for these states, and wherever you need an extra hardy apple this variety will please you. Bears well, and the fruit is of fair quality. Ripens middle of October.

**Mammoth Black Twig** (Paragon.) A Russian apple, one of the very best for the Middle West. A good bearer, and the tree is perfectly hardy up to South Dakota line. Large, dark red, firm, subacid and juicy, keeps well in common cellars. You will find this apple highly satisfactory, and I urge you to plant more of this variety. Ripens middle of October.

**Paradise Winter Sweet** Large, creamy white with rosy cheek. One of the best of the Sweet Apples. People who cannot eat apples due to the acid can safely eat Paradise Winter Sweet as well as Grimes Golden. Paradise Winter Sweet contains the least amount of acid, and keeps well. The tree is very hardy, and bears well. Ripens in October.

## PLANTING INSTRUCTIONS

When you receive a bale or package of trees or shrubs from me, open it as soon as possible. Check over the items. In case of any defect notify me at once, a card will do. Remember, I guarantee safe delivery of the stock I ship out, and your notice of any defect will receive my prompt attention. If the shipment arrives by freight or express the station agent will give you a bad order report if there is anything defective on the shipment. Such a report will help me recover damages if shipment was damaged while in transit.



by **Sonderegger**

My hardy upland  
Trees bear more...  
last longer.

## Northwestern Greening Picture

on top this page shows apple one-half natural size. **Extremely hardy**, vigorous grower; does well most anywhere, especially in the North and Northwest where few apples of such high quality grow successfully. Keeps well, fruit is large, greenish yellow when ripe. One of the best for baking. Restaurants pay premium prices for them. Ripens middle of October.

**Stayman's Winesap** A popular market apple, very large, striped dark red, keeps well, and is in strong demand for cooking. Ripens in October.

**Turley Winesap** Bears even heavier than the old fashioned Winesap, darker color, improved quality, highly flavored; keeps well until mid-winter; is considerably larger than Winesap. Price is 10c per tree in addition to the price of other apples as quoted.

## Old-Fashioned Winesap

A good tree for home orchard. Apples little too small for market; quality is good, keeps well. Dark red. Tree bears heavy, perfectly hardy in the Middle West. Ripens middle of October.

**York Imperial** (Johnson's Fine Winter Y. I.) This old-fashioned apple is rapidly coming back to popularity. It is a large red apple, tender and juicy. Perfectly hardy in the Middle West, also Southern Minnesota and Wisconsin. I recommend a combination planting of York Imperial and Stayman's Winesap for extra heavy bearing. Ripens first week in October.

## ODD and SPECIAL VARIETIES

I have a number of trees in popular sizes of the following varieties: **Franz, Switzerland, Spitzenberg, Virginia Beauty, Missouri Pippin.** If you wish to have trees of these varieties, kindly send me your order early, so they will be reserved for you. My supply is limited, prices same as quoted for other apple varieties.

**Red June** An old fashioned early apple. Have small supply of trees on hand; order early and reserve your Red June apples. Ripens with Yellow Transparent; medium size, yellow with red stripe.

## PLANTING INSTRUCTIONS

Sometimes an item is short in the shipment, and a back order has been made, in that case there will be a notice in the bale. Right after unpacking put the roots of your trees and shrubs into a tub or tank of cold water over night. This freshens the roots up, and protects them from wind and sun. While trees are taken out to plant the roots should be protected at all times either by wrapping them in wet burlap, or still better by dipping the roots into a paste of soil and water. This keeps the wind and sun from the roots, until they are in the ground and planted.

(continued on next page.)

## FALL APPLES

Ripening between early apples and late (winter) apples, they keep fairly good, and in the extreme North where late apples would not mature, these fall apples are considered winter apples and in such localities will make very good keepers. They furnish fruit after the early apples are used up, and before the late varieties commence to ripen.

**Anoka** A nice apple of fairly good size, yellow with red stripes. Ripens end of August, and makes a nice apple for the North. Not a new apple. For a good many years I have grown this sort for special orders, and recently, due to increased demand, I have grown more of them. Add 10c per tree to the prices quoted for apples.

**Wealthy** This apple does well most anywhere, can safely be planted in the North also. It is a great bearer, in fact few varieties are so hardy and so productive. A good apple for eating, cooking, drying or pies; large, mostly covered with red, fine grained and juicy. Without this good apple your orchard is not complete. I recommend it, knowing how pleased you will be with your Wealthy apple. Ripens in September.

**Maiden Blush** A standard market apple, good in size and quality. Its nice appearance helps to sell it. Ripens in September.

## EARLY APPLES

Early apples are hardy anywhere, and they bear extra well. Due to the fact that they cannot be kept very long after ripening, they should be planted in small numbers only, unless there is a large city nearby where early apples would find a good and profitable sale.

**Duchess of Oldenburg** Medium to large in size, greenish yellow with red stripes. Bears heavily. It is a little sour, and on that account an excellent apple for cooking. The tree is a wonderful grower, making a large crown, with a heavy foliage. If you would need a combination fruit and shade tree this apple would do well, and for that purpose I recommend the 4 to 6 ft. size for planting.

**Early Harvest** The first apple to ripen; with us here usually about July 4. On the farm my father counted this apple and Alexander Early Peaches to be the earliest of the large fruit trees. You must grow these trees yourself to appreciate fruit of such quality and so early in the summer.

**Yellow Transparent** Ripens a few days after Early Harvest. It is of pale yellow color and larger than the Early Harvest. Flesh white, of finest quality. The tree bears very young, and is perfectly hardy. This is one of the finest early fruits that can be grown in any locality.

## CRAB APPLES

for  
Canning  
and Jelly

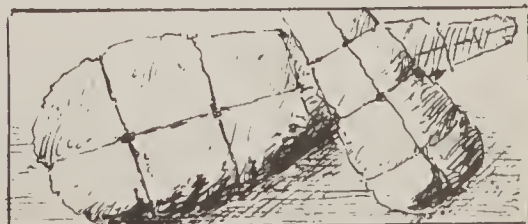
## Dolgo

The Dark Red Jelly Crab. The high quality of this beautiful

red crab apple, the abundance in which they are produced, and the hardiness of the tree will satisfy you in every respect. For the finest jelly use Dolgo Crab apples. The tree bears young, and grows well. If you plant the 4 to 6 ft. trees you can grow Dolgo into a very pretty shade and ornamental tree on the lawn or wherever you like to have a tree of good appearance. Dolgo is hardy everywhere, and will supply you with its wonderful fruit for many years.

**Whitney** THE SWEET CRAB. The apple is of good size; I would say on the average as large as the old fashioned Winesaps. It is green with red stripes, good for raw eating and for cooking. In the North this is considered a very good summer apple. For years my brother Fred has a Whitney Crab on his lawn where it takes the place of a very good shade tree, and bears well most every year. Whitney, Dolgo Crab, Duchess Apple, the Superb Apricot all make very good shade trees, and it seems to me that at this time when so many old shade trees must be replanted it would be well to include a few of these trees for shade as well as fruit for planting around the home. Especially on the farm such trees would be of great value, and if you select the large size, 4 to 6 ft. trees, you will have no difficulty growing them to nice shade tree shape.

**Yellow Siberian** The apple is quite small, comes in clusters, and is canned with the stems. The tree is perfectly hardy, and same as the above varieties it is a vigorous grower, making a well shaped, pretty tree. I urge you to plant more of these Crab Apple trees, especially where they can take the place of an ornamental and shade tree. There are few forest or shade trees that would be more valuable in years to come for their shade as these Crab Apples, and of the latter you are sure to get nice crops of fruit. For home use as well as market Crab Apples are quite valuable. My advice is that you plant more of them.







# Hardy PEARS

## Prices, All Varieties

	1	3	10
2-3 ft. nice trees, postpaid	\$0.55	\$1.50	\$4.80
3-4 ft. partly branched, postpaid .....	.70	1.90	6.20
4-6 ft. 3-year roots, 2-year tops, very fine, selected specimens...	.85	2.40	7.50

These pear trees are all well rooted, guaranteed true to name, strictly first class trees, hardy upland grown.

**Bartlett—Early** The pear that is first on the market, ripening end of July and August. A pear of fine quality for eating and canning, and the tree is hardy in the eastern states, the corn belt, and of course in the South.

**Bosc Winter Pear** Finest quality late fall and winter pear; extra large, long tapering, russet. Keeps well. Tree vigorous, and profuse bearer. Hardy anywhere in Middle West and East. Plant more of this wonderful fruit.

**Clapp's Favorite** Early. It is hardier than Bartlett, does well in the northern part of this state, Iowa, Minnesota, Wisconsin and the Northeast. Tree is a good grower, and very productive. Fruit large, pale yellow with dull red and russet specks, fine grained, juicy and sweet. Ripens in August.

**Flemish Beauty** Midseason. Large, pale yellow pear covered with russet, of fine quality, sweet and melting. Tree hardy anywhere in the Middle West, East and Northeast. Ripens in September.

**Lincoln** Rapidly becoming popular owing to its very good qualities. It is a large pear, yellow, flushed with bright red; fine for table use or canning. Hardy in Nebraska, anywhere in the corn belt, and the East. Your pear planting should include this tree.

## Seckel Pear

See photo above. Also called Sugar Pear. Fruit is not very large, but is of finest flavor, as good as the best for table use, and for this purpose Seckel

should be in every orchard. I do not recommend it for canning. Tree is a slow grower, but bears extra well, and is hardy. Can be grown wherever pears are known to succeed. Seckel ripens here in September.

**Kieffer** The popular late market pear, for canning. A hardy, heavy producer, that can be grown anywhere, even in the North where other pears would not be sufficiently hardy. For fresh eating the quality of Kieffer is not as good as that of the other sorts listed here, but for canning it is as good as any. For this purpose the pears are ground up and canned with lemon, orange, or quince for flavoring. You may try this method; I am sure you will like them, and find canning very simple.

## DWARF PEARS

Of the pear varieties I am listing on this page, I can furnish Bartlett, Duchess of Angouleme, Seckel, in dwarf trees also. Of all other varieties I have the standard trees only.

There is no difference in the fruit, whether it is grown on the standard tree, which is a large tree, or a dwarf tree, which always stays in dwarf size and shape. The fruit is the same. Dwarf pears are preferred wherever the space is limited—in city gardens where they are grown along the lot line, or even as a screen. For this purpose they can be planted as close together as 10 or 12 feet in the row.

Dwarf pears bear quite young, commonly the second or third year after planting they produce a nice crop, and continue for many years. The trees are just as hardy as standard trees, they are grown with splendid success everywhere in the corn belt, the East, and Northeast, in southern orchards, and even in the extreme North, where a dwarf tree in protected places succeeds while a standard tree would not fit in to get the benefit of existing protection. Prices of Dwarf Pear Trees: 2½ to 4 ft. trees, 75c each; 3 for \$2.00; 10 for \$6.00; prepaid.

As I was making out my order to send to you this morning, my mother made the remark that she had been raised on your seeds and plants.

Way back before her day, grandmother used to get your seeds and plants. Then, when mother and dad came along, they started our ranch in the state of Washington, on your fruit trees. Now am sending my first order to you. This makes three generations of our family that are satisfied users of your products.

MISS CHARLOTTE OLLEMAN,  
Maywood, Ill.

## Duchess of Angouleme

The fruit is large, in quality as good as the best, for keeping, for table use, or for canning. For the Middle West and the East, Duchess should be in every orchard; very hardy, an abundant bearer, and a very fine pear. Ripens in October. Note picture above: the tree with its usual heavy load; and in upper left hand corner photo of the fruit, natural size.

## PLANTING INSTRUCTIONS

Before planting the tree or shrub, let us be sure the hole is prepared properly. It should be plenty wide and deep. This is essential to good starting and good growth. With "plenty wide and deep" I mean just this: there should be 4 or 5 inches of loose soil in the bottom of the hole before the roots of the tree are put in place, and there should be 5 or 6 inches clearance all around the roots, to be filled in with loose soil. To dig a hole that is just a snug fit for the roots would probably do, but it is not the proper way to plant. The new roots will develop much better in the loose soil, which naturally means quicker starting and a good, clean new growth.

(Continued on next page.)



# Cherries

Cherries do well most anywhere, except on a low, wet place. Hilly land, even if the soil is not the best, will produce fine Cherry crops. Plant the trees 20 by 20 feet apart, or use them for fillers in your apple orchard.

## Prices of All Cherry Trees

	1	3	10	25
2-3 ft. healthy, well rooted trees, postpaid .....	\$0.50	\$1.35	\$4.30	\$10.00
3-4 ft. fine, branched trees, postpaid .....	.60	1.65	5.20	12.50
4-6 ft. 3-year roots, 2-year tops, well branched, stem caliper $\frac{1}{8}$ inch .....	.75	2.10	6.50	15.50
Special grade, $\frac{1}{4}$ inch caliper, perfectly branched, choice trees. The best money can buy .....	.90	2.50	7.80	....

All my cherry trees are special grown for heavy production, with short stems for best and easiest picking, and even, well shaped crowns. These trees are sure to give you best results. You will be proud of your Sonderegger-quality cherry trees.

## SOUR CHERRIES

Very hardy, always sure to bear.

**Early Richmond** May Cherry. The common medium red cherry, highly productive, and very hardy. Quality is good for pies and canning. An excellent tree for the Midwest and the North, bears regularly. Ripens in June.

**English Morello** Large fruit, very dark red, nearly black; tender, juicy, rich in flavor, and ripens rather late, quite sour. Hardy up to the middle of Nebraska and Iowa. Tree is of spreading form.

**May Duke** Dark red, large fruited, juicy and rich; not very sour. Tree grows well, spreads low. A good bearer. Of May Duke, I have the two large sizes only, no 2 to 3 and 3 to 4 ft. trees.

**Ostheimer** Large, heart shaped, nearly black when ripe, juicy and rich. Fine for dessert and cooking, not very sour. A great market cherry. Bears quite young. The trees bloom late, and ripen when cherries begin to get scarce, middle of July.

**Wragg** For the West and Northwest. Fruit medium to large, dark red, and of fine quality, almost like English Morello. Tree is very hardy, a good grower, and highly productive. For western Kansas, Colorado and western Nebraska, it is one of the best cherries. Ripens in July.

## Improved Montmorency

Originated by Mr. Fred Pothast of Pickrell, Nebraska. Our trees are grown from budding stock of Mr. Pothast's original tree that has produced wonderful crops for over 25 years. Hardy in Nebraska, fruit even larger than that of the Montmorency, and decidedly darker in color. An exceptionally good bearer. Add 10c per tree to the prices quoted for cherry trees.

## Montmorency

This photo, actually taken natural size of my Montmorency Cherry, will give you an idea of the size and heavy bearing of this tree. It is a good red cherry, not very sour, ripens about 10 days after Early Richmond. Very productive, and hardy throughout the East, Northeast and the entire Middle West. Should be in every town or farm garden and orchard.

## SWEET CHERRIES

Not hardy in the northern states.

**Black Tartarian** Very large fruit of purplish black color. This is a Heart Cherry, very sweet, of superb quality. The tree is a vigorous, upright grower, immense bearer. A popular market cherry. I recommend it for the South, the Pacific states, also the Great Lakes region and the New England states. In the Middle West they are not dependably hardy, although they are grown here and there in protected places with fairly good results. A great cherry in its proper place. Ripens forepart of July.

**Yellow Glass** Fruit large, somewhat flattened in shape, of very beautiful golden color, firm, juicy, sweet and of fine quality. This is not a Heart Cherry, and is therefore hardier than Black Tartarian. It stood our dry summers and cold winters with fairly good results. I can recommend the tree for localities as far north as the southern half of Nebraska. Blooms late. I suggest pinching off the tips of the young branches in July to encourage branching and a dense growth for best bearing. Ripens July 1.

## Sonderegger's Sweet Cherry

The tree looks almost like the Black Tartarian, but the fruit is more of the Morello type. It is not a Heart Cherry. Almost black when fully ripe; large, very meaty, sweet and juicy. The tree is perfectly hardy here, bears well, its growth is upright and vigorous with large leaves. I recommend this tree for the Middle West, except the extreme North of Nebraska, where it may not fruit regularly. Add 15c per tree to prices quoted above.

## Hansen's New Bush Cherry

My original stock is of the true production by Professor Hansen of Brookings, South Dakota. A greatly improved Sand Cherry. The fruit is fair in quality and recommended for canning (preserves), of good size, small pit, very dark red. Makes a very good hedge, as it grows in low bush form, and due to the fact that it resists extreme drought and cold remarkably well, resists insects the New Hansen's Bush Cherry is a most important and most needed addition to the shrub list for the Middle West. Use them freely for hedging, for foundation planting, anywhere for a good, clean hedge of 3 to 4 ft. height, that will also give you fruit that can be used to good advantage. 3 for 25c; 10 for 55c; 100 for \$3.80; prepaid.

## Compass Cherry Plum

To produce fruit quickly where old orchards and bearing trees have died out in recent years, I know of no better tree than this Compass Cherry Plum. Not only does it commence to bear the second year, it produces enormous quantities of fruit, and the fruit is of good size, good quality for raw eating, preserves, canning, etc. See front inside cover page for true-to-life colored photo. The tree is of dwarf habit, can be planted as close together as 10 or 12 feet. It is extremely hardy. Where regular cherries do not succeed, the Compass Cherry Plum will still produce and do good. Plant a few of these trees this year, for your benefit, and to help you bring back fruit quickly, I am pricing them very low.

	2-3 ft.	3-4 ft.	4-5 ft.	5-6 ft.
Each	\$0.28	\$0.38	\$0.45	\$0.60
3 for	.75	1.00	1.25	1.50
10 for	2.20	2.90	3.75	4.50
	Prepaid		Not Prepaid	

## PLANTING INSTRUCTIONS

Never use fertilizer of any kind to mix with the soil when you plant a tree or shrub. Fertilizer heats, and is often harmful to the roots. Some planters put manure in the bottom of the holes, although I do not recommend this practice; if it is to be done, be sure to have at least 6 inches of dirt on top of the manure before planting the tree, so that the manure will be well rotted before the new roots may reach it. If there is a rock or gumbo shelf in the subsoil near the surface, such an unpenetrable layer should be cut or bored through to allow roots and moisture to enter the subsoil.

(Continued on next page.)



# Hardy PLUMS

for heavy and young bearing.  
colored photos inside front page.

## Prices of Plums (except European Plums)

	1	3	10	25
2 to 3 ft. nice trees, postpaid.....	\$0.38	\$1.00	\$3.00	\$7.00
3 to 4 ft. well rooted and branched, postpaid. .50	1.35	4.00	9.00	
4 to 6 ft. choice trees, selected specimens.....	.65	1.80	5.00	12.00

The 4 to 6 ft. trees are too large to go by parcel post; they are shipped prepaid freight if your order amounts to \$15.00 or more; seeds and Evergreen trees not included.

**Waneta** The largest of all Hansen Plums, and one of the largest in existence. Red with blue bloom; very good quality. The tree is extra hardy; you can grow this plum anywhere; it bears very young, and most freely.

**Hanska** Bright red, heavy blue bloom, firm flesh, which has a very pleasing Apricot flavor. Being a Hansen Plum it is very hardy; bears young and heavy.

**Sapa** Glossy dark purple, flesh is of the same color, and is of excellent quality. Bears young and very heavy.

**Opata** The earliest of the Hansen Plums. Dark purplish red with green flesh, and very pleasant flavor. Ripens end of July. On top of this page, note the branch taken from Opata, a sample of the bearing ability of Hansen Plums, such as Opata, Sapa, Hanska, etc.

**Tokata** For a number of years I have not grown this tree; have taken it up again on request of many of my customers who desire to plant more of this variety. Fruit good size, dark red, slightly mottled with orange dots, and covered with light lilac bloom. Flesh rich orange red, very firm, excellent flavor, almost freestone. Ripens here end of July. Very hardy.

**Monitor, Minnesota Plum** Should be in every planting. Much different from any other plum, being of medium size, dark purple with sweet flesh of dark purple color and small pit. Very good quality; very desirable for canning. Hardy anywhere.

**Red Wing, Minnesota Plum** Yellow, overlaid with red; freestone; sweet, and of good quality. For raw eating or prepared like peaches with cream and sugar. An abundant bearer, and perfectly hardy.

## EUROPEAN PLUMS Prices of All Varieties Listed Below

	1	3	10
3-4 ft. very nice trees, prepaid .....	\$0.57	\$1.60	\$5.00
4-6 ft. extra fine trees..	.70	2.00	6.00

**Lombard** The hardiest of the European Plums, and does well in light soil. Can be planted as far north as the middle of Nebraska, and bears well here. Fruit oval, violet red, with a yellow, juicy flesh; freestone. Ripens here end of August.

**Yellow Egg** Fruit very large, prune shaped, yellow with white dots, making it an attractive table variety; also good for cooking. I cannot recommend it for the Middle West; southern half of Kansas, southern Missouri and Indiana should be the limit of its hardiness. Ripens end of August.

**Shropshire Damson** The small blue Damson; well known, and in great favor for plum preserves and plum butter. The tree bears heavily, and it is dependably hardy up to and including the southern half of Nebraska. Deserves a place in every garden or orchard.

**German Prune** A large, oval, purple prune, freestone. Flesh sweet and of pleasant flavor. It is firm, very good for drying or preserving. This tree is not hardy north of here, but is much harder than the Italian prune (Fellenbergs), which it resembles closely in size and quality.

I am writing you this letter to let you know that your trees did wonderful for us. Such wonderful peaches, apples and pears as we had are something to feel proud of, some of our pears weigh over a pound each. I want to tell you your trees do wonders here in Texas for us. Our friends ask us: "Where did you get those trees that bear such fruit?"; and we gladly tell them that they are Sonderegger trees.

H. O. KLOSE,  
Burnet County, Texas.

## Sonderegger's Japanese Plum

The above picture shows you the shape and the good size of these Plums. It is not only the finest of all Japanese Plums I have ever found, fortunately it is also the hardiest of this strain. I recommend it for Nebraska and Iowa, the states south of here, the Great Lakes region and the Eastern States. In fact, most anywhere except the extreme North it will give best satisfaction. Large, red with small pit, flesh yellow, excellent flavor. Very good table and canning plum. Will come into bearing almost as young as the Hansen Plums, and bears just as heavy. Be sure to include this plum in your planting. No extra cost.

**Burbank, Japanese** Bright cherry red, with lilac bloom, yellow flesh, quite firm, sweet and meaty. Hardy as far north as the southern half of Nebraska. A good freestone plum. Ripens here in August.

**Omaha Native** Fruit dark red with small pit, sweet, well flavored. The tree is exceptionally hardy; will do well even in the extreme North. Omaha is a sure and heavy bearer.

**Golden Rod, Native** The finest low plum, sweet and tender with very good flavor. Bears young and freely.

## PLANTING INSTRUCTIONS

In planting, proceed as follows: Place the tree or shrub in the hole, with all roots spread out in their natural way. Any broken root-branches are cut off smooth with a sharp knife. The thing to watch now is the proper depth. A fruit tree shows plainly just above the root where it was budded or grafted. This spot should be practically level with the ground surface after planting. A shade tree or a shrub is planted so deep that it stands (depending on the size of the stock you are planting) from 1 to 3 inches deeper than grown before in the nursery. Some planters lay a board across the hole to show the ground level, to assure of getting the trees in just at the right depth.

(Continued on next page.)



# Early Bearing APRICOTS

Your special attention is called to Apricots, not only for their most valuable fruit, but particularly for their vigorous growth, beautiful foliage, drought resistance, which combined would make the Apricot a most desirable shade and ornamental tree. For this purpose increased numbers of Superb Apricots are being planted, and I urge you to give Superb Apricot your consideration if you need a number of shade trees around your home. Include at least one or two of these fine trees in your shade tree planting.

## Prices of All Budded Apricots

	1	3	10	25
2-3 ft. well rooted, fine stock, prepaid.....	\$0.35	\$0.95	\$3.00	\$ 7.00
3-4 ft. choice trees, branched, every tree carefully selected, prepaid .....	.50	1.20	3.50	8.30
4-6 ft. extra heavy trees, the finest grade.....	.58	1.60	5.00	12.00

The 4 to 6 ft. trees are too large to go by parcel post. The freight will be paid on shipments of trees amounting to \$15.00 or more, not including Seeds or Evergreens.

**Superb, the greatest of all hardy Apricots** Freestone, light salmon color, large, flavor excellent. The fruit of this tree is as good as the best. The tree: a most abundant bearer, perfectly hardy except in the extreme North. It is a rapid grower that develops a pretty spreading crown with a beautiful, healthy foliage; on this account it is being planted in larger numbers than ever before as a shade tree. In some localities (Western Kansas and elsewhere) it is one of the very few trees that survived the drought. I am pricing the trees low, so that all my customers can take advantage of this wonderful tree.

**Chinese Apricot** Similar to Superb, except that I can hardly recommend it for planting north of Nebraska. The fruit is pale yellow with a red cheek. I recommend it for shade and fruit same as Superb.

**Moorpark, American Apricot** Freestone, very large, yellowish-green with red on sunny side. This is one of the best market varieties; excellent for drying and canning. Not hardy north of southern Kansas and Missouri.

**Wilson, American Apricot** Resembles Moorpark very closely, except that it ripens a little earlier, about the middle of June. A most profitable market fruit for the South.

## RUSSIAN APRICOT SEEDLINGS

These trees are not budded, the fruit varies from the fine large size of Superb, to a rather small grade, but even the smallest will be of fair enough quality to use for canning. These Seedling Apricots are generally used for shade trees and in windbreak plantings. They grow most rapidly, being exceptionally hardy and drought resistant. There are few other trees that could be expected to give such good results. I have nice trees on hand, and I am pricing them very low. Plant some Apricot Seedlings this spring, or if you wish to invest a little more, plant a few Superb Apricots also, for shade trees or shelter-belt. These trees will soon be everybody's pets on your place. "You cannot help but like them."

## Prices of Seedling Apricots

	3	10	25	100
2-3 ft. nice little trees, prepaid.....	\$0.75	\$2.20	\$4.80	\$18.00
3-4 ft. well shaped trees, prepaid.....	1.00	3.20	7.20	....

Order early; supply limited.

**Russian Mulberry** Very hardy; the tree stood 30 degrees below zero and bore a crop of berries the following season. Makes a large, spreading crown, fruit produced in enormous quantities, the berries range in color from black to white, and from sweet to quite tart. In many homes the berries are canned with Rhubarb or Gooseberries. Song-birds regard a Mulberry tree as a complete boarding house. No farm should be without Russian Mulberries. For post growing use the seedlings listed on page 21. Also for hedges.

## Prices of Transplanted Mulberry Trees

	1	3	10
3-4 ft. nice trees .....	\$0.35	\$0.95	\$2.70
4-5 ft. nice trees .....	.45	1.25	4.00

## PLANTING INSTRUCTIONS

Fill in loose soil all around the roots. The best soil you can possibly get for this purpose is soil from the surface that has been worked, and does not contain fresh fertilizer. Fill in until the hole is within a few inches from being level full. Then water. Apply several bucketfuls. This not only gives the tree the necessary moisture to start, it also settles the soil and packs it firmly around the roots much better than could be done by tramping. When the water is all soaked away, and the soil settled, about an hour after watering, fill the holes level full with medium dry soil, and bank it up a few inches around the body of the tree. This soil takes the place of any mulch.



Note the snap-shot above, showing part of an Apricot orchard.

**Persimmon** (Diospyros Virginiana). Can be grown as far north as the southern half of Nebraska. Fruit medium size and must be fully ripe before it is good to use. A nice looking tree, often used for ornamental purposes, with very valuable wood. Persimmons will do well even on poor soil. Nice seedlings, 12 to 18 inches, 15c each; 3 for 25c; 10 for 75c; postpaid.



# Sonderegger Hardy PEACHES



J. H. HALE  
Hardy, extra  
large peach.

## Prices of All Budded Varieties

	1	3	10	25
2-3 ft. well rooted, prepaid.....	\$0.30	.80	2.40	5.50
3-4 ft. partly branched, prepaid.....	.37	1.00	3.10	7.00
4-5 ft. nice branched trees.....	.50	1.35	4.15	9.50
5-6 ft. extra fine trees.....	.60	1.70	5.20	12.50

Trees of 4 ft. and up are too large to be sent by parcel post. If your order amounts to \$15.00 or more (not including seeds) I pay the freight on the shipment.

**Alexander Early** Clingstone of medium size, almost red, flesh white, tender and juicy. Tree very hardy. Ripens here July 10.

**Belle of Georgia** Freestone. Very large, white with red cheek, flesh white and firm with excellent flavor. Hardy most anywhere south of here. Ripens early in August.

**Champion** EXTRA HARDY. Freestone. Good medium to large size, creamy white with red cheek. Excellent flavor, sweet, rich and juicy, white meated. Champion is one of the hardiest peaches you can grow. I recommend it highly for the Middle West, and anywhere on the northern edge of the peach belt. Ripens in August.

**Crawford's Early** Freestone. A good market peach, fruit large, oblong, yellow with showy red cheek. Flesh yellow, juicy and sweet, bears well. Hardy south of here. Ripens in August.

**Crosby** Freestone. An old timer but still in good demand. Medium size, round with distinct seam on blossom end. Lemon yellow, very downy; flesh bright yellow and firm. Very hardy, of dwarfish growth.

**Heath Cling** Clingstone. Best for pickles, large, round, white-meated, juicy, highly flavored. Hardy here, but not in the North. Ripens in October.

**J. H. Hale** Freestone. Large size, beautiful rich orange yellow color with carmine cheek, smooth, a very good peach. See picture on top of this page. Does well as far North as the middle of Nebraska, and anywhere South and East of here. Ripens end of August.

**Mayflower** Semi-Cling. This and Alexander Early are the earliest peaches you can have. White meated, good size, and fine quality. Gets a nice red color even before fully ripe, blooms late and is fairly hardy. Ripens early in July.

**Polly** Freestone. One of the surest bearers. Claimed to be even harder than Champion. Medium size, good flavor, yellow meated, ripens in August.

**Sage October Peach** Freestone. A very hardy and abundant bearer. Good medium size, dark yellow with deep crimson blush, flesh yellow, very firm and juicy, quality as good as the best. Be sure to include this tree in your planting. Ripens in October when peaches of such fine qualities are getting scarce.

"Snapshot of my Elberta peaches," says Mr. Paul Lutonsky, of Rush Springs, Oklahoma. "Sold them for \$1.50 per bushel at the place; could not supply the demand. Also got first prize on Delicious apples at county fair. Trees bought from you about 5 years ago. The trees I ordered from you are the kind anyone can well be proud of."

**Elberta** Freestone. The best known market peach, large, yellow with red cheek; flesh yellow, firm, good quality. Not hardy in Nebraska. Does well in the South, in Ohio and Michigan. Ripens in August.

**Early Elberta** Freestone. A little larger than Elberta, in other respects the same, except that it ripens almost two weeks earlier. Very good for Southern Illinois, Indiana, Southern Missouri and Kansas, but not hardy north of there.

**Early Wheeler—Red Bird** Semi-cling. Medium early, hardy anywhere in the corn belt, excellent quality. A new peach, originated in and for the Middle West.

**Fitzgerald** Freestone. In hardiness and productiveness as good as Champion, the only difference is the color of the flesh. Fitzgerald is yellow meated, same high quality as Champion. Ripens in August.

## My hardy Peach Collection

2 Champion  
1 Alexander Early  
1 Crosby  
1 Sage

All nice 2 to 3 ft. trees.

For Only **\$1.15** Post-paid

**Peach-Cot** See Page 1. A wonderful new fruit.

**Nectarines** Smooth skin peach. About the size of a medium peach, wax-like in appearance, perfectly smooth. Of excellent eating quality. Hardy up to southern half of Nebraska. Nectarines will be well liked by everyone in your home. Can furnish the varieties "New White" and "Red Roman." Prices and sizes same as peach trees.

## PLANTING INSTRUCTIONS

With the planting part completed, the newly planted trees and shrubs are pruned. Apple and Plum trees are pruned alike. Cut all branches back to one-half of their length, and where branches happen to stand too dense cut some of them out to make a balanced crown. There should be branches in each direction, and a center or "leader." Pear trees are shaped up in the same way, the branches that remain are not cut back. Sour Cherries require but very little pruning, only if a branch happens to be broken. On peach trees cut off all branches to within one inch from the stem. They make a fine new top. Prune Apricots same as apples and plums.



# Strawberries

**HEAVY  
PRODUCING  
STRAIN**



**Senator Dunlap** The Famous Mid-Season Strawberry. There are more Senator Dunlap planted than all other varieties combined. The reason for such a grand record is very simply this: Senator Dunlap, in quality, size and productiveness is the best you could expect of any strawberry. Furthermore, it ripens at the most favorable time, late enough to escape late frost in the spring, and still early enough not to suffer under any possible hot weather of early summer. In all truth the best and most popular June Bearing Strawberry. No matter what other kinds you may like, be sure to make at least half of your planting in Dunlaps. Realizing that eight out of every ten of my customers need strawberry plants, I want to do my share to help you get a new strawberry bed started. I have no better way of doing my part than offer you extra fine, well rooted plants at these low prices: 25 plants for 35c; 50 for 50c; 100 for 80c; 300 for \$2.10; 500 for \$3.00; prepaid.

**Blakemore** Early June Bearing. The plant is a vigorous grower, resists leaf spot, and other diseases. Does well in most any soil, and bears well. It is, in my opinion, the best early strawberry on the market. My plants are clean, well rooted stock, strictly true to name. See prices below.

**Aroma** Late June Bearing. Berries very large, bright red clear to the center. Rich, delicately aromatic and firm. A good shipper. I do not recommend Aroma where the weather may be quite hot in June, but for northern locations it is one of the very best.

**Prices of Blakemore and Aroma** 25 plants for 35c; 50 plants for 55c; 100 plants for 90c; 500 for \$4.00; prepaid.

**Gem, Everbearing** One of the new varieties, and rapidly becoming popular due to its superior size, and bearing ability. I am sorry to say that in my own test fields I have not been able to put Gem to a thorough test, since Gem is on the market we have had such extremely dry and hot weather, that the plants could do little more than stay alive in the proving grounds where plants are not "babied along." Therefore, I can only describe Gem according to what the originator states: "Gem is a good producer, berries are pretty even in size throughout the bearing season, and they seem to color up better than Mastodon. My advice is that you include Gem in your planting."

**Champion, Everbearing** The most freely and continuously bearing variety I know of. In normal season Champion bears all summer, and increases even more towards fall when the weather turns cooler. Berries are well flavored, but not as large as those of Gem and Mastodon. I recommend Champion for home use.

**Mastodon, Everbearing** Nice berries, even size. For market Mastodon and Gem are best, Champion would be a little too small. Mastodon and Gem both will produce well in the fall. In normal seasons they will bear through the summer also, especially if they are kept watered. Wherever you have water for summer use in dry seasons it will pay you to grow Everbearing Strawberries.

**Prices of all Everbearing Strawberries** 25 plants for 50c; 50 for 90c; 100 for \$1.50; 300 for \$4.00; prepaid.

50 Senator Dunlap  
25 Blakemore  
25 Gem Everbearing

100 Nice Plants

**\$1.00** POST-PAID

## PLANTING INSTRUCTIONS

Note the picture and plant your strawberries accordingly. The roots well spread out, and in the right depth. Right after planting, water each plant, never depend just on the soil being moist enough, watering settles the soil. Plant in rows, the rows in large plantings 2½ feet apart, in small planting 12 to 16 inches apart, and space the plants in the rows 12 inches apart. This leaves enough room for runners between the rows, and from the runners you get large crops year after year once your bed is started.



**Every Shipment Guaranteed to Arrive in First Class Shape.**





# G R A

## YOUNG PRODUCERS

### PLANT SONDEREGGER'S 2-YEAR No. 1 GRAPES

The splendid root system of a Sonderegger 2-year No. 1 Grape, their entire freedom from all insects and plant pests, and their special hardiness are your assurance of complete success when you make your planting from Sonderegger's stock.

#### Lucille, Red

Extremely hardy, it is even harder than Concord, the vine is a strong and very healthy grower, and is always sure to bear. Lucille is a sweet grape with very fine flavor. The

picture shows you the remarkably compact shape of the cluster. Plant Lucille for home use or market, it is early, and succeeds even in the extreme North. 2-year No. 1 extra fine plants, 22c each; 3 for 55c; 10 for \$1.60; 25 for \$3.25; postpaid.

**Catawba, Red** Here is an excellent grape for juice, the color of the berries turning purple when fully ripe give the grape juice a very unusual and pleasing color. Catawba produces very abundantly. 2-year No. 1 strong plants, 20c each; 3 for 50c; 10 for \$1.50; 25 for \$3.00; prepaid.

#### Moore's Diamond, White

Clusters and berries of good size, greenish-white, quality and hardiness fully as good as Concord, and ripens a few days ahead of Concord. I can highly recommend Moore's Diamond for Nebraska, Kansas, Oklahoma and the Texas Panhandle. 20c each; 3 for 50c; 10 for \$1.50; 25 for \$3.00; prepaid.

**Beta, Black** Hardy, rapid grower, for windmill cover and arbor planting. Wherever you plant Beta its sturdy, fast growth, and its perfect hardiness will please you. Beta will make quick shade over tall trellis work, arbors, or will cover windmill construction with its good, healthy, clean foliage. Beta produces enormous quantities of grapes, close-set medium size clusters, black in color, highly flavored, one of the very best for very dark colored juice. Make use of all tall structures, fences, etc. Cover them with Beta Grapes for better looks, shade and plenty of fruit. 2-year No. 1 strong grape vines, 22c each; 3 for 55c; 10 for \$1.60; 25 for \$3.25; prepaid.

The Grape Vines I bought from you this spring were fine, every vine lived, and are doing wonderful.

WILLIAM HECK,  
Oakley, Cincinnati, Ohio.

**Concord, Black** The well known, fine old variety, planted everywhere. Bunches and berries of good size, black, covered with a rich blue bloom. Skin tender but firm, juicy sweet when fully ripe; very hardy and productive. There are varieties of better quality for table use, but for jelly, grape juice or wine none will equal Concord for heavy production, and regular bearing. Can be grown most anywhere, for the Middle West it is the most dependable bearer. 2-year No. 1 selected, extra strong plants, 18c each; 3 for 45c; 10 for \$1.20; 25 for \$2.50; 100 for \$8.50. I also have the standard 2-year old plants, 12c each; 3 for 30c; 10 for 90c; 25 for \$2.00; 100 for \$6.50; all prepaid.

**Worden, Black** Among the black grapes, Worden is second only to Concord as a popular grape for home use and market. Worden is a strain of the Concord, almost of the same high productivity. The berries of Worden are a little larger than those of Concord, and have a better flavor. For fresh fruit I would prefer Worden to Concord. Worden is fully hardy in the Middle West, needs no winter protection. Ripens about one week ahead of Concord. 2-year No. 1 nice plants, 20c each; 3 for 50c; 10 for \$1.50; 25 for \$3.00; prepaid.

**Moore's Early, Black** Bunches of medium size, rarely shouldered. Berries large, round, of very good quality. Desirable for market on account of its earliness. Berries in flavor are much like Concord, but larger. Moore's Early ripens so far ahead of Concord as to be off the market by the time Concord ripens. There are very profitable plantings of Moore's Early in the South as well as in the Northern states. For your home vineyard you should at least plant a few of them for early use. 2-year No. 1 fancy vines, 22c each; 3 for 55c; 10 for \$1.60; 25 for \$3.25; prepaid.

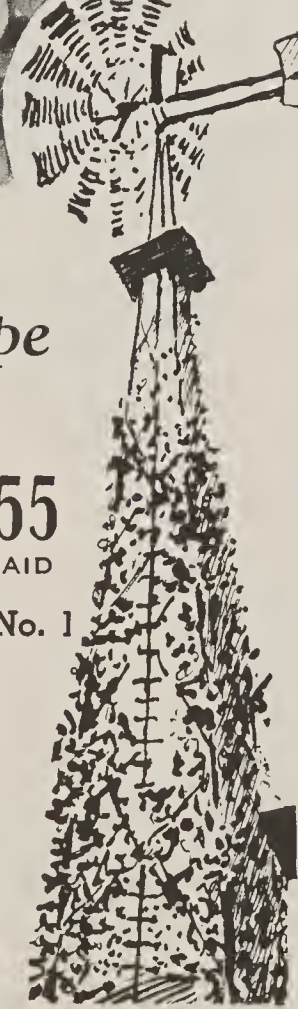
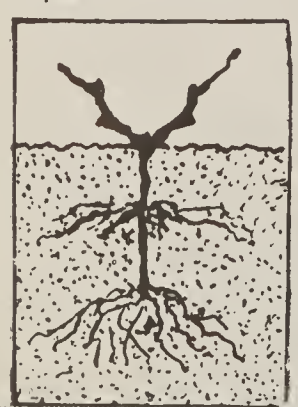
**Pocklington, Yellow** Bunches large, very compact. Berries very large, juicy, sweet, with very little pulp. The vine is in every respect as hardy as Concord. You can grow Pocklington anywhere with the exception of the extreme North, where it should have a light protective cover over winter. Pocklington should be planted more freely, when fully ripe it is probably the sweetest grape there is. A splendid grape for your table. Extra fine 2-year No. 1 plants, 25c each; 3 for 65c; 10 for \$1.90; 25 for \$4.25; prepaid.

### Hardy Farm-Grape Collection

6 Concord  
3 Niagara  
3 Lucille  
**\$1.55**  
PREPAID

12 Plants, 2 year No. 1

**FREE:** With this collection for your arbor or windmill—2 Beta Grapes.



### PLANTING INSTRUCTIONS

My two-year-old Grape Vines are exceptionally well rooted. For this reason dig large holes, even larger than required for trees. Spread the roots, and plant at the depth shown in diagram at the left. Fill in with good top soil, use no kind of fertilizer. Water heavily to settle the soil. Right after planting cut each vine back to four eyes per vine.



# PRES

## PROLIFIC BEARRERS

### SONDEREGGER'S ASSORTMENT THE BEST

After more than 50 years of trying literally hundreds of varieties in the Sonderegger test field, eliminating all varieties that did not come up to expectations the present list includes the very best in each color and time of ripening. You will be safe when you select from this assortment.

**Niagara, White** Home and market growers seem to agree that Niagara is perhaps the most valuable of all white grapes. Its clusters are large, and handsome, compactly filled with large berries having thin but tough skin. When fully ripe they are pale yellow with white bloom. Slightly pulpy, tender, sweet with a delightfully aromatic flavor peculiarly its own, and agreeable to most tastes. Vine is remarkably vigorous and productive. Ripens with Concord, and hardy as far north as Concord, also in the South. I have had reports of splendid results in commercial plantings in Florida, and at the same time it is perfectly hardy anywhere in the Eastern states and the Middle West. Fine, strong plants, 2 years old, No. 1, 20c each; 3 for 50c; 10 for \$1.50; 25 for \$3.00; prepaid.

## 2 SOUTHERN AND HOTHOUSE GRAPES

Wherever the ground freezes these grapes are not hardy unless covered with dirt and manure over winter. In the Middle West and North these grapes are called "Hothouse Grapes," and are planted in barrels or large tubs to be moved indoors over winter.

**Thompson's Seedless** Sultania Blanche. Vine an enormous bearer and very rapid grower; bunches very large, berries greenish yellow, firm, oval and seedless. Skin thin. Most of the seedless raisins are made from this variety, and are in strong demand. Thompson's Seedless is an early shipping grape, ripening in August. Largely grown in the Pacific states and in the South. In the North it can be grown in tubs, and will bear well. Can be kept in a cool cellar over winter. Nice 2-year-old No. 1 plants, 25c each; 3 for 60c; 10 for \$1.80; 25 for \$3.85; prepaid.

**Flame Tokay** This is the grape you find in fruit markets everywhere all through the winter. Berry large, pale red, covered with a bluish bloom. Flesh firm and sweet. In great demand, and one of the best known market grapes. Ripens in September. Grown in tubs, and moved indoors for winter protection this grape can be grown in the Middle West and in the North, but not hardy without this care. 2-year-old No. 1 plants, 25c each; 3 for 60c; 10 for \$1.80; 25 for \$3.85; prepaid.

## All Grapes Prepaid

**Fredonia, Black** Fancy Table Grape. This is the finest early black grape of the hardy class. Fredonia is as hardy as Concord. The berries are of large size, black with blue bloom (see colored photo on rear inside cover page) and they ripen evenly. Fredonia has a most delicious flavor, rarely found in grapes. I recommend Fredonia, and I suggest that you include a few of them in your planting. My Fredonias are of the true original stock. Extra fine 2-year No. 1 plants, 30c each; 3 for 75c; 10 for \$2.20; 25 for \$4.70; prepaid.

**Caco** The grand table grape. A fancy grape of finest quality. Berries extra large, sweet, juicy, with a most pleasing flavor. Coming in well-shaped clusters of light red or amber color it is a most attractive looking fruit. Caco is perfectly hardy everywhere except the extreme North where it needs a little winter protection. The berries become sweet two weeks before they color up. Caco should be in every garden, it produces well, and there is nothing to take its place for good eating grapes. 2-year-old No. 1 fine plants, 25c each; 3 for 70c; 10 for \$2.10; 25 for \$4.50; postpaid.

**Portland, White** Splendid Table Grape. This is my earliest white grape. A fancy variety with its sweet and juicy berries. It is a hardy grape, as hardy as Concord, and is a healthy grower. Berries good sized, sweet, juicy and of fine flavor. Portland is also a good producer. Portland and the other fancy varieties I am listing in this column will be the pride of your garden. Nice, strong 2-year-old No. 1 plants, 25c each; 3 for 70c; 10 for \$2.10; 25 for \$4.50; prepaid.

My Grapes of 2 years ago are doing wonderful.  
AL CLARK,  
Sheboygan, Wisc.

## PLANTING INSTRUCTIONS

For the first summer allow all vines to grow, but tie them up to a pole if you are not building a wire fence or trellis until the second year. The sketch at the right shows the first year's growth tied to the lowest wire as the main vine. Side branches for bearing tied vertically to the upper wires. These branches produce the fruit. Keep them cut off just at the height of the trellis, and early every spring cut out the branch that bore the previous year, making the cut within an inch from the main vine, and allowing a new sprout of previous year's growth to grow in.



Enjoy a Real Treat with Your Own Grapes.





# Sonderegger

## BERRY

### Collection

for a 15x20 ft.  
berry patch

6 Chief, red  
6 Latham, red  
6 Cumberland, black  
3 St. Regis Everbearing

95c

POST-  
PAID

21 Nice Plants

Prices of all Raspberries and Blackberries (Except Columbian and Brainerd) 3 plants for 25c; 10 for 55c; 25 for \$1.10; 100 for \$3.60; prepaid. All guaranteed true to name.

### FAMOUS RASPBERRIES

Plant in rows 5 feet apart and 3 feet apart in the rows. Raspberries will do well in any soil. Keep the bed free from weeds, cultivate occasionally, cut old and dead canes out. Spraying in early spring before the canes get green (Dry Lime Sulphur diluted 1 to 20) will keep Raspberries free from disease, in great bearing condition.

#### RED RASPBERRIES

**Chief** The finest early Red Raspberry known, both for home use and market; a heavy producer, in quality and size about the same as Latham but 10 days earlier.

**Latham** See inside of rear cover page. Latham is the most popular Red Raspberry on the market, the best midseason variety. Berries of excellent quality, bears heavy.

**St. Regis Everbearing** Bears over a period of four months. Is very hardy, berries large and sweet. For home use St. Regis will produce nice berries for you for fresh use throughout summer and fall.

**Columbian, Purple** The only Red Raspberry that will not make root suckers. Productive, excellent quality, the berries are large, purple-red, and the plants are very hardy. Price of Columbian: 3 for 30c; 10 for 70c; 25 for \$1.50; 100 for \$4.75; prepaid.

#### BLACK RASPBERRIES

**Cumberland** A very hardy type, a good and dependable bearer. See rear inside cover page for colored Photo of Cumberland. Berries large, black, very firm. The plant does not make root suckers.

**New Logan** A very large raspberry, jet black, juicy and sweet. Early and of extra heavy bearing ability. This is a new variety. No root-suckers from Black Raspberries. My plants are all nice, healthy well rooted stock.

**Quillen** Hardy most anywhere in the Middle West, and in the North, a most abundant and sure bearer, and the berries are as good as the best in quality and size.

#### BLACKBERRIES

**Mersereau** See picture above. Early, a fine large berry, black and sweet, without core. Due to its hardiness Mersereau is one of the best Blackberries for the Middle West. It is a good producer, and the quality of the berry is as good as the best.

**Blowers** Large berries, jet black, good shipper; favorite with market growers. Highly productive.

**Brainerd** Bears well over a long season, and produces a lot of berries. Berry of the Giant Himalaya type, plant very hardy, and a vigorous grower. Planted especially in the Middle West and Northwest. 3 for 40c; 10 for 95c; 25 for \$2.00; 100 for \$7.00; prepaid.

### Blackberry Collection

6 Mersereau  
6 Blowers  
3 Brainerd

15 plants, all well rooted, nice healthy plants, guaranteed to reach you in good shape, for only

65c PRE-  
PAID

### PLANTING INSTRUCTIONS

Raspberries and Blackberries should be planted just slightly deeper than grown in the nursery row. Water well right after planting in order to settle the soil properly. Bank up two to three inches of dirt around each plant for easier starting. Cut all canes back to 4 or 5 inches from the ground. You will get new shoots from that part of the cane which is banked up. These new canes will grow several feet high the first summer. As soon as they are 3 or 3½ feet high, by midsummer, pinch them off at that height. Do this every year with the new canes. Old canes, those that have produced a crop of berries, are cut out or broken out near the ground in late fall or early spring, making room for new canes. This keeps your plants in good producing shape.



# Collection GOOSEBERRIES and CURRANTS

Oregon Champion  
Gooseberries .....3  
Perfection Currants....3  
White Grape  
Currant .....1

**\$1.50** Postpaid  
for.....7

FREE: With  
this collection  
you receive one  
Mock Orange  
Dianthaflora 18-  
24 in. flowering  
shrub, free.

## Oregon Champion Gooseberry

This picture shows clearly the enormous bearing ability of this great variety. The shrub is a strong grower, not very thorny, the berries are of medium size, finest quality for canning and for pies. For regular and heavy crops Oregon Champion is of outstanding value. It is hardy.

**Prices of all Gooseberries and Currants (except Chautauqua): 28c each; 3 for 70c; 10 for \$2.10 prepaid. All 2-year No. 1 shrubs.**

**Downing** Berries medium in size, handsome pale-green, and of splendid quality, for canning and for pies. The bush grows strong and upright, it is a healthy, hardy plant. Downing and Oregon Champion have long been the leading market varieties in Gooseberries, and are still the favorites with market growers.

**Carrie** Berries small to medium, and of maroon color when fully ripe. The bush bears enormous numbers of berries and if they were a little larger this would be the best variety to plant. For home use you will like Carrie, include a few of them in your planting. The shrub is very hardy, can be planted anywhere.

**Chautauqua** Giant Size, Sweet. See colored photo inside rear cover page. By far the largest berry; sweet when fully ripe. Excellent for canning, pies and for fresh eating. The only Sweet Gooseberry on the market. The bush is of spreading habit, hardy anywhere in the Middle West. Bears almost as heavy as Oregon Champion. For Chautauqua as well as all other varieties of Gooseberries, also Currants I recommend a spray application, early in the spring before the leaf buds open, consisting of Dry Lime Sulphur (10 tablespoonfuls per gallon of water). It will keep your shrubs entirely free from mildew. A light spray of arsenate of lead just as soon as the leaf worms appear, in such localities where this insect may attack your plants, will be a perfect protection. In any planting be sure to include Chautauqua. I have a nice supply of true to name shrubs, well rooted and healthy stock: 50c each; 3 for \$1.35; 10 for \$4.00; prepaid.

Dear Sir:

Received the shrubs ordered, and am delighted. I never received a cleaner, nicer lot. I had them in the ground within a few hours after they arrived, and they were showing signs of life in two days.

MRS. H. H. LOUGHRIDGE,  
Lincoln, Nebr.

**Perfection Currant** Note photo to the right showing the well filled clusters, and large berries of this splendid variety. It is the largest of the red currants, bearing remarkably well. Berries not very sour, few seeds, and bright red. Perfection is of excellent quality for canning and jelly, due to the large fruit and clusters, you can pick a basket full of Perfection Currants as quick as picking Cherries. Perfection is hardy anywhere in the Middle West. It should be the main variety in every Currant planting, for home use or market.

**Wilder Currant** Good red berries ripen early, a little ahead of Perfection. The bush is a vigorous grower, and produces well. Although the berries and the clusters are not quite as large as Perfection, Wilder makes nice crops. It is an old favorite with market growers for early sales.

## White Grape Currant

A sweet, white Currant, and a good bearer that can be grown anywhere, except the extreme North. For fresh eating you will find this berry better than the Red Currants. White Currants are quite sweet, having little of the acid of red varieties.

**Black Currants** I am not growing Black Currants. It is against the law to ship them; in most states they are entirely prohibited. At present Black Currants cannot be furnished.

**If you live in any of the following states:**

Connecticut  
Idaho  
Maine  
Maryland

Massachusetts  
Michigan  
Minnesota  
New Hampshire

New York  
Ohio  
Pennsylvania  
Rhode Island

Vermont  
Wisconsin

shipping of Gooseberries and Currants requires a special permit from your department of agriculture. I apply for the permit, you have no papers to sign, but your order should reach me 2 to 3 weeks before shipping time, so that I have time to get the special permit. To all above states Currants and Gooseberries are shipped in separate packages. No extra cost to you for permits.

## PLANTING INSTRUCTIONS

Gooseberries and Currants should have a little shade. The east or north sides of buildings or under large trees are better than out in the open. Water them well for the first year in case of dry weather. Pruning of Currants is recommended for old plants only, removing the oldest wood. This is done in early spring. Gooseberries should be pruned every summer. When the berries are ripe, cut out the bearing canes entirely, this makes room for the new wood which bears the following year. Spray with Arsenate of Lead as soon as the leaf-worms appear. Cultivate the soil around these shrubs early in the spring.





**Loganberry** See picture above. A cross between a Blackberry and a Raspberry. Fruit extra large, dark red, with mild, pleasant and vinous flavor. Seeds small, soft and few; plant grows strong, bears large clusters of berries. In Nebraska and north of here it should have a cover over winter, consisting of straw. More Loganberries should be planted, as it is one of the finest berry fruits that can be had. Nice plants, 30c each; 3 for 75c; 10 for \$2.20; 25 for \$5.00; 100 for \$17.00; postpaid.

**Youngberry** This new berry has been introduced in recent years. The plant is a vigorous grower, and a heavy bearer; it is hardy in the Middle West; however, I recommend a light cover of straw over winter for best results and extra good bearing. The berries are as large as Loganberries, purplish-black; in quality they resemble raspberries. Nice plants, 3 for 30c; 10 for 80c; 25 for \$1.80; postpaid.

**Horseradish** Just the right size cuttings to make good roots by fall. They do well anywhere; easy to grow. The cuttings are placed in the ground slanting, the lower end 1 foot deep. 10 cuttings, 30c; 50 for \$1.30; 100 for \$2.00; postpaid.

**Boysenberry** The largest of all berries known; 60 to 80 berries fill a pint basket, while of blackberries it would take 200 berries or more. Berries 1½ to 2 inches long and 1 inch thick are not unusual. The plant is a cross between Blackberry, Raspberry and Loganberry, combining size, heavy bearing and fine taste of these fruits. Boysenberry will be a moneymaker for the market gardener; it is just becoming popular; start a planting now. The plant has stood 17 degrees below zero without damage, and it came through the extreme heat and dry weather of last summer in splendid shape. It was not attacked by grasshoppers or other insects. The canes can be tied to stakes or to wires same as most other berry varieties. Good rich garden soil, or where the soil is rather light, a heavy application of well rotted barn manure will produce enormous crops. Easiest culture. Plant Boysenberries; you will like them. Nice plants, 25c each; 3 for 65c; 10 for \$1.80; 25 for \$4.00; 100 for \$14.00; postpaid.

**Juneberry or Service Berry** A good substitute for the large Swamp Huckleberry or Whortleberry, which it resembles in appearance and quality. Fruit comes in clusters, reddish-purple in color, changing to bluish-black when fully ripe. Flavor a mild, rich sub-acid; excellent as a dessert fruit or canned. It is extremely hardy, not thorny, grows bushy to a height of 7 or 8 ft. Would make a nice ornamental shrub also, and is often used for that purpose, as it is very showy when in full bloom. Juneberry makes no fiber-roots; it is not a fast grower, but lasts for many years. I would call Juneberry a desirable combination flowering and fruit plant. 30c each; 3 for 75c; 10 for \$2.20; postpaid.

**Dwarf Blueberry** For this plant you need a low, wet place, shaded, where the soil usually turns sour and few, if any other plants would grow. Such a spot is just the right place for the Dwarf Blueberry; it increases rapidly, making a pretty dense growth of heavy producing plants about 15 inches high. I do not recommend this plant for dry land or sunny places. The berries are of good size, black with a blue bloom, very sweet; excellent for fresh dessert fruit, drying or for canning. Perfectly hardy, even in the extreme North. Plants are scarce, order early. 3 for 50c; 10 for \$1.50; 25 for \$3.00; postpaid.

**Mint** Peppermint. *Mentha Piperita*, the true hardy variety. The leaves are used for mint sauce and mint julep. 25c each; 3 for 50c; postpaid.

**Dewberry** The variety I sell is *Lucretia Dewberry*. It is of the blackberry type, trails on the ground. The new growth is left on the ground for the first winter, where it can be covered conveniently with straw or leaves. The following spring, after cutting off all old canes, the new growth of previous year is tied up to the wire trellis or stake for bearing. The berries are larger than regular blackberries, and the plant bears extra well. Nice plants, 3 for 25c; 10 for 60c; 25 for \$1.25; 100 for \$4.00; postpaid.

**Tree Strawberry** As the plant forms a dense network of roots, multiplying rapidly, and for this reason it is in great favor for holding the soil on steep banks. It grows to a height of 18 inches, and the tops die back every winter, making a new growth from the ground up every spring. The fruit is bright, shiny red, 1 inch in diameter, and slightly conical, of fair quality. A valuable shrub in its proper place. Nice roots, 3 for 45c; 10 for \$1.20; postpaid.

**American Elder** (*Sambucus Canadensis*) A native shrub of tall growth with stout stem, eventually growing into tree form. The small white flowers come in large flat clusters, fragrant, and appearing in spring. At that time the shrub is very showy. Later there are many large clusters of black berries which ripen in August and September. Birds are very fond of the berries, and in many instances they are used for cooking and for coloring of fruit juices. For centuries this Elder furnished its flowers, berries, even its leaves and bark for medicinal purposes, and is still regarded as a drug-yielding plant. 2 ft. shrubs, 25c each; 3 for 65c; 10 for \$1.50; postpaid.

**Hop-Vine** *Humulus Lupulus*. The root is perfectly hardy, makes a new vine every year, which is of extra strong, vigorous growth. The blossoms, golden-yellow in color, come in panicles about 6 inches long, much like large strawflowers, and are often used in dry winter bouquets. This is the variety of Hop grown in large plantations for brewery purposes. Due to its extra strong growth, and the pretty blossoms, I recommend this Hop-Vine for covering unsightly places, fences or old tree trunks. The true Hop-Vines, 30c each; 3 for 70c; 10 for \$2.00.

**Holt's Mammoth Sage** Of excellent flavor; the plant is hardy with a light cover of straw or leaves over winter. Should be in every garden. 25c each; 3 for 50c; postpaid.

## PLANTING INSTRUCTIONS

Plant as stated on page 14 under Raspberries and Blackberries. I recommend that you space your plants as follows: the rows 5 feet apart, and the plants in the rows 3 feet apart, for all Raspberries, Blackberries, Youngberries, Loganberries, Boysenberries, Dewberries. Plant Tree Strawberries and Dwarf Blueberries 2 by 2 feet apart. Juneberries and American Elder require 5 to 6 feet space each. Gooseberries and Currants 5 feet apart in the row, the rows 5 to 6 feet apart.





## Choice NUT TREES

**Black Walnut** Note picture above. A beautiful, large tree of rapid growth, especially on bottom land. The nuts, although hard-shelled, are of very good quality. Besides being a very good shade and ornamental tree, the wood of Black Walnut is most valuable. For this year I can furnish only the following sizes:

	Not Prepaid:	10	100	300	1000
6-12 Inch, good roots .....	\$0.25	\$1.75	\$5.00	\$15.00	
12-18 Inch, nice seedlings.....	.40	2.50	6.60	21.00	
18-24 inch, heavy .....	.50	3.00	8.80	28.00	
<b>Prepaid:</b>					
6-12 Inch.....	.35	1.90	5.40	....	
12-18 Inch .....	.50	2.70	7.10	....	
18-24 Inch .....	.60	3.30	9.50	....	

**Butternut—White Walnut** One of the finest native shade trees, and often planted for a shade tree. Hardy as far north as South Dakota; the nuts are large, long, and of good quality. 12 to 18-inch seedlings, 3 for 40c; 10 for \$1.00; 25 for \$2.00; 100 for \$6.00; postpaid.

**Japanese Walnut** (Sieboldi) Makes a beautiful tree which bears young and very well. It is hardy along the East Coast states, and from there west through southern Illinois and Indiana, southern half of Missouri and Kansas. There are some Japanese Walnuts growing in Nebraska, but they are not sufficiently hardy to be profitable in this state. In the localities named you will find this tree very valuable for the fruit as well as for its splendid shade tree qualities. 2-3 ft. nice trees, 75c each; 3 for \$2.00; postpaid.

**Stuart Pecan** Hardier than the Common Pecan, and can be grown as far north as southern half of Missouri, southern Illinois and Indiana. The nuts are large, thin-shelled, the quality of which is very good. Plant them for home use and market. 18-24 inch grafted trees, 90c each, postpaid.

**Hazelnut** This is the old fashioned hardy type with nuts of medium size. Bears well, makes an upright growing bush that can be used for screens, and is sometimes included in ornamental plantings for tall growth. 2-3 ft. nice bushy shrubs, 40c each; 3 for \$1.10; 10 for \$2.90; postpaid.



## Washington Asparagus, Rustproof

Exceeds in quality and heavy bearing any of the older varieties; it is of finest quality; does well most anywhere, and is rust-proof. Extra nice 2-year-old roots, best for quick results, 10 for 35c; 25 for 60c; 100 for \$1.80; 300 for \$4.50; postpaid.

### How to Grow Asparagus

Manure the ground heavily, using well rotted barn manure. Make a trench 8 to 10 inches deep. Have 4 inches of good rich ground on the bottom, spread the roots out evenly and fill in about 3 to 4 inches of soil. Leave the rest of the trench lay open for the first summer. Let all stalks grow the first year. Fill the trench up in the fall of the first year. Let several stalks grow on each plant the second year. In the third year allow one stalk per plant to grow up, cut all others as soon as they appear above the ground. Cultivate occasionally. Plant 1 ft. apart in the row, the rows 3 ft. apart.

## PLANTING INSTRUCTIONS

Planting instructions as given under fruit trees also apply to Nut trees. It must be mentioned, however, that Nut trees have very few fiber roots and the tendency of the root is that it grows straight down into the sub-soil. Therefore, it is always a good plan to dig or bore with a post auger from the center of the bottom of planting hole for an additional depth of 18 inches or better, which allows the root of a nut tree to develop into the sub-soil layers.

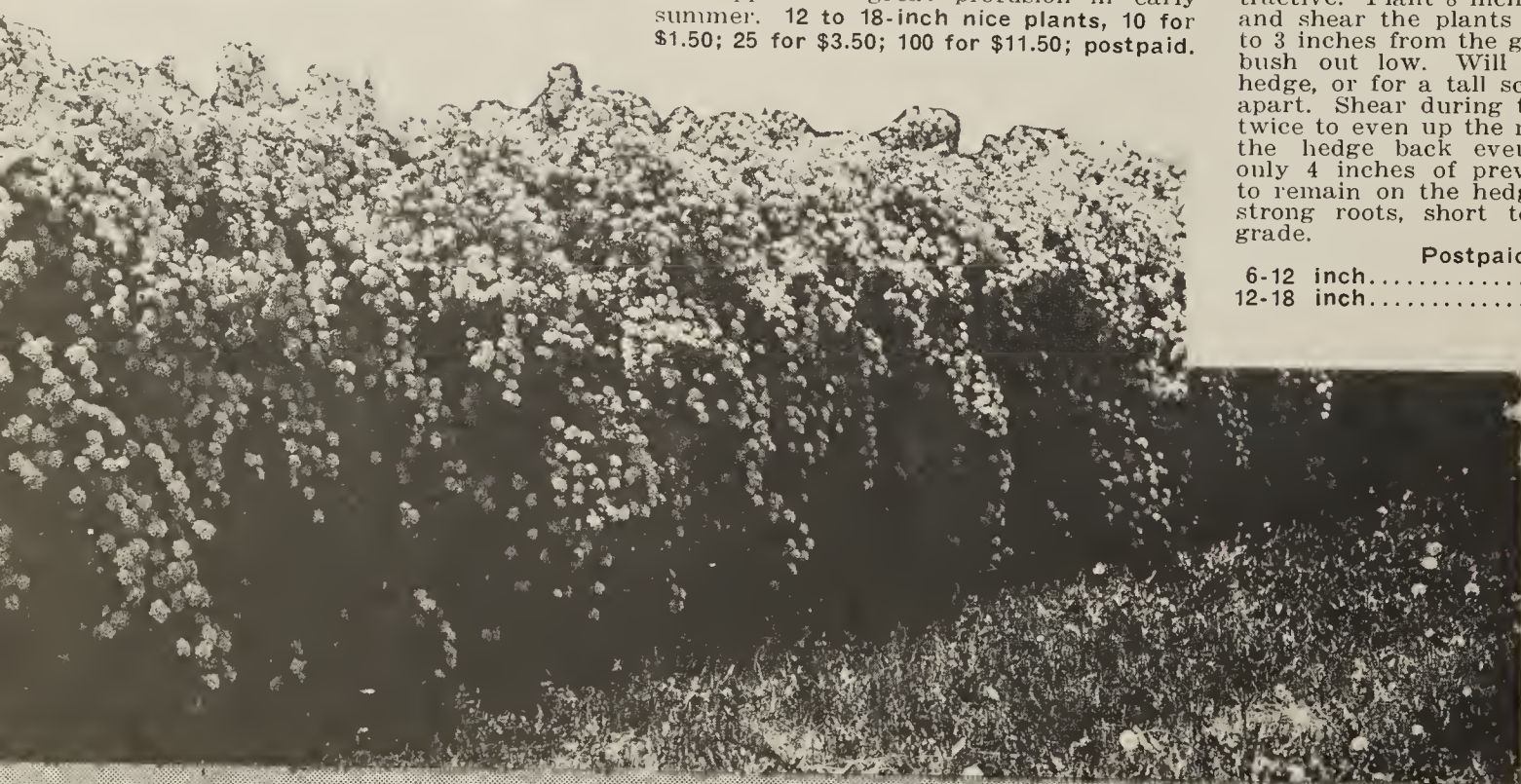




Amur River Privet, enclosing a flower garden in circular form. The hedge and shrubbery background not only finish this scenery, they actually make it.



Barberry Thunbergi



## LOW ORNAMENTAL HEDGES

**Barberry, Japanese** Will make a pretty hedge up to 18 to 24 inches in height. Keeping its neat shining green foliage throughout the summer in perfect condition, changing to a showy red in fall. Densely branched, can be grown in sheared forms or without shearing in natural shape. For shearing plant 8 inches apart, for natural growth 12 inches apart in the row. 12-18-inch nice plants, 10 for \$1.10; 25 for \$2.50; 100 for \$7.50; postpaid. 18-24-inch nice shrubs, 10 for \$1.50; 25 for \$3.30; 100 for \$10.80; postpaid.

**Spirea Thunbergi—Flowering** Makes a most attractive low hedge, not over 3 ft. in height, and of a beautiful light green color. Can be grown without shearing. The flowers are white, and appear in great profusion in early summer. 12 to 18-inch nice plants, 10 for \$1.50; 25 for \$3.50; 100 for \$11.50; postpaid.

# Beauty in

## Amur River Privet

Amongst all sheared hedges Amur River Privet stands far out in the lead. Its extreme hardiness is only one of the advantages Amur River Privet offers; a clean, healthy, shining green foliage, a dense growth that responds wonderfully to shearing are also found in this Privet. I recommend planting either in a single row 6 to 8 inches apart, or in a double row for a very broad hedge, the rows 8 to 10 inches apart, the plants in the rows 8 inches apart, and standing alternately. Right after planting cut them back to within a few inches from the ground to make the hedge bush out low. Shear twice during the summer to even up the new growth. I have well rooted plants, the best for hedges:

	Postpaid	10	25	100
12-18 inch nice plants...	\$0.75	\$1.65	\$5.50	
18-24 inch strong stock...	.90	2.00	7.50	

**Golden Privet** In every respect the same as the Amur River Privet, however, the leaves in a sunny location are of a beautiful golden yellow color, highly attractive. Individual shrubs, sheared round to ball forms can also be furnished at \$1.25 each, 2 to 3 ft. size, for planting as single specimens in groups of Evergreens. For hedges use the 6 to 12 inch size plants, 10 for \$1.20; 25 for \$2.60; 100 for \$9.50; postpaid.

## Russian Olive—Silver Leaf

Silvery-gray foliage and twigs, which makes a hedge of these plants very attractive. Plant 8 inches apart in the row, and shear the plants right after planting to 3 inches from the ground to make them bush out low. Will make a nice 4 ft. hedge, or for a tall screen plant 12 inches apart. Shear during the summer once or twice to even up the new growth, and cut the hedge back every spring, allowing only 4 inches of previous year's growth to remain on the hedge. My plants have strong roots, short tops, special hedge-grade.

	Postpaid	10	25	100
6-12 inch.....	\$0.40	\$0.80	\$2.00	
12-18 inch.....	.50	1.00	3.20	

AT LEFT  
Spirea Van Houtti planted for a flowering hedge. Spaced from 18 to 24 inches apart in the row, this Spirea makes a pretty hedge, requiring little care.

AT RIGHT  
Persian Lilac hedge. Plant 18 inches apart in row, or 2 feet for very tall screen.





# HEDGES

## FLOWERING HEDGES and SCREENS

**Persian Lilac** Makes a most elegant tall hedge, will not make sprouts from the roots, keeps a healthy foliage throughout summer and fall, and blooms beautifully at "Lilac-Time." For a fine, dense screen-enclosure, plant Lilacs. Nice hedging size, 12-18 inch plants, 10 for \$2.50; 25 for \$5.40; 100 for \$17.50; postpaid.

**Old Fashioned Lilac** The same as the above except for its leaves, which are larger, and is preferred where there is no shortage of ground space, as this Lilac sometimes makes a few sprouts from the roots. Blooms beautifully. Special price on hedging size, 12-18 inch plants, 10 for \$1.20; 25 for \$2.80; 100 for \$10.00; postpaid.

**Spirea Van Houtti** There is no other flowering hedge of this height (4 to 5 ft.) that would be so hardy, and require so little care as the Spirea Van Houtti. Blooms beautifully in June. 12 to 18-inch nice plants, 10 for \$1.20; 25 for \$2.75; 100 for \$9.00; postpaid.

**Bush Honeysuckles** Grandiflora Rosea Honeysuckle makes a pretty, very dense screen 8 to 10 ft. tall. Plant them 18 to 24 inches apart in the row. Blooms pink in May, later followed by red berries. Extremely hardy, always a fine, clean shrub, healthy foliage, and an upright grower. Can be sheared to even height. 12-18 inch nice plants, 10 for \$2.20; 25 for \$5.00; 100 for \$17.00; postpaid.

## THORNY HEDGES

**Caragana, Siberian Pea Tree** Extremely hardy, makes a pretty screen, very upright in growth, blooming yellow in May. Has a pretty foliage. For enclosure of your garden, as well as for stopping the wind, this plant is very satisfactory. Prices, see page 20.

**Buckthorn** Rhamnus Carthartica. A pretty shrub making a tall screen of 10 ft. and up. With pretty white blossoms in the spring and red berries in the fall. The thorns appear on the old wood, the young plants hardly ever have thorns. 12 to 18-inch nice plants, 10 for \$1.10; 25 for \$2.50; 100 for \$7.50; postpaid.

**Honey Locust** Gleditsia Triacanthos. Makes a stout, extra hardy, theft-proof hedge for field and stock enclosures. The strong thorns of Honey Locust will stop animals of any size. 18 inches apart is the right distance in the row. This Locust will never make suckers from the roots. For prices of the seedlings, see pages 20 and 21.

**Osage Orange** The most popular hedge for field and stock enclosures. Best for post growing. Osage Orange is coming back; in recent years it has been proven that these hedges protect fields from hot and dry wind, and catch the snow in the winter. It improves farm ground. Use 6 to 12-inch seedlings for hedges; prices, see page 21.

Another pretty garden, a rose planting which owes much of its charm to an inner hedge of Amur River Privet, and a tall outer hedge of Persian Lilac, sheared Juniperus Virginiana (see page 25) in the background.

**Russian Mulberry** Sheared from the beginning, just like Privets, the Russian Mulberry makes a very nice hedge. For this purpose plant 6 or 8 inches apart in the row, or plant in double rows like Privet. Prices of the seedlings, healthy, well rooted stock, and well up to grades, see page 21.

**BELOW:** A hedge of Persian Lilac, with a sheared hedge of Amur River Privet as a border; a most attractive hedge combination.





# SMALL TREES

## for

### WINDBREAK

### WOODLOTS

### EROSION

### CONTROL



A windbreak and snowtrap of Russian Olives and Chinese Elms, protecting the entire farm.



A hardy shelter-belt of Russian Olives planted in a double row 4 by 4 ft. apart.

## Restock Your Timber and Woodlots. Plant This Spring.

**Ash, White** *Fraxinus Americana*. Wood very valuable for lumber and fire-wood. The Ash is a hardwood tree and probably one of the fastest growers of the hardwood type. Does well anywhere, perfectly hardy even in Canada; also resists the heat and drought of the Middle West. White Ash should be in every wood-lot planting.

Not prepaid:	100	300	1000
8-12 inch.....	\$0.65	\$1.50	\$ 4.50
12-18 inch.....	.80	2.30	7.00
18-24 inch.....	1.80	4.60	14.50
Prepaid:			
8-12 inch.....	.80	1.70	4.90
12-18 inch.....	1.00	2.70	7.80
18-24 inch.....	2.00	5.10	....

**Catalpa Speciosa** The Hardy *Catalpa*. This is a tree of tall, upright growth, large light green leaves. To make up the tall growth in a windbreak, one row of these Catalpas in the center will be very effective. The wood of this catalpa is of great value for posts, and due to the rapid growth of the tree, and its straight, tall stem, the posts are easy to grow, and are very straight. Having hard wood, the posts last for many years.

Not prepaid:	10	100	300	1000
6-12 inch.....	\$0.20	\$0.65	\$1.50	\$4.50
12-18 inch.....	.30	1.40	3.50	9.00
Prepaid:				
6-12 inch.....	.25	.80	1.70	5.00
12-18 inch.....	.35	1.60	3.90	10.00

**Caragana** Siberian Pea Tree. Excellent for ornamental screens and windbreaks. The tall, upright growth, attractive foliage, and a profusion of yellow flowers in the spring have put the Caragana in the foreground for windbreak-border. It is extremely hardy; can be grown with best success anywhere.

Not prepaid:	10	25	100	300
6-12 inch plants.	\$0.25	\$0.55	\$1.75	\$4.50
12-18 inch plants.	.40	.75	2.60	7.00
Prepaid:				
6-12 inch plants.	.35	.75	2.25	5.00
12-18 inch plants.	.50	1.00	3.25	7.90

FOR WOOD: Black Walnut, Bur Oak, Ash.

FOR POSTS: Osage Orange, Russian Mulberry, Catalpa Speciosa.

FOR PASTURE GROUNDS (Shade): Honey Locust, Russian Olive, Golden Willow.

FOR EROSION CONTROL: Black Locust.

FOR STREAMS AND PONDS: Willows, Black Walnut, Cottonwood.

**Cottonwood** *Populus Sargentii*. The native timber tree. Very common along streams where it holds the soil well, and reaches mammoth dimensions, in thickness of its stems as well as the spread of its lofty crown. The Cottonwood withstood the drought and the cold remarkably well; it will survive where most other hardy trees would be short lived. The wood is used for making packing crates and boxes.

Not prepaid:	100	300	1000
12-18 inch.....	\$0.70	\$1.80	\$4.00
18-24 inch.....	1.00	2.50	6.00
2-3 feet.....	1.20	3.00	8.00
Prepaid:			
12-18 inch.....	.85	2.10	4.80
18-24 inch.....	1.20	2.90	7.00
2-3 feet.....	1.40	3.50	9.50

**Elm, American** *Ulmus Americana*. I know of no other shade and timber tree that would be so popular as the American Elm, especially in the Middle West. It is a fairly rapid grower and is hardy most anywhere. The tree makes a large spreading crown, very suitable for shade and street planting. Include American Elm in your wood-lot or timber planting.

Not prepaid:	100	300	1000
6-12 inch.....	\$0.60	\$1.50	\$ 4.00
12-18 inch.....	1.00	2.50	7.00
18-24 inch.....	1.50	3.50	10.00
2-3 feet.....	2.00	5.00	15.00

Prepaid:			
6-12 inch.....	.80	1.70	4.40
12-18 inch.....	1.20	2.80	7.70
18-24 inch.....	1.90	4.00	11.00
2-3 feet.....	2.50	5.80	....

Look over your grounds, convince yourself that there is room for a woodlot, for a shelterbelt, or for a windbreak. Plant now. There is no better snowtrap, no better way of conserving moisture on the farm, than by stocking up with trees. Game cover, control of hot winds, are only a few of the extra benefits you derive from trees. Just a small sum invested now in seedling stock will increase the value of your land by hundreds of dollars within just a few years.

**Chinese Elm** *Ulmus Pumilla*. When you plant Chinese Elms be sure they are the true hardy *Ulmus Pumilla* strain, because not all Chinese Elms are fully hardy. My seedlings are of the northern hardy type which can be planted safely anywhere and will be perfectly hardy. The Chinese Elm is the most rapid growing tree; it has also come through our last four years of extreme drought in remarkably good condition. Farmers everywhere, as well as townpeople, are replanting much of their lost trees and timber with Chinese Elms, knowing how fast this tree grows. Note the nice row of Chinese Elms, upper right hand corner page 21; a protection to nearby fields from hot winds, a snowtrap in the winter. I recommend the 18 to 24 inch size.

Not prepaid:	10	100	300	1000
6-12 inch.....	\$ .25	\$0.90	\$2.10	\$ 5.50
12-18 inch.....	.25	1.40	3.50	10.00
18-24 inch.....	.35	1.80	4.50	13.00
2-3 feet.....	.45	2.50	7.00	20.00
3-4 feet.....	1.35	9.50	25.00	....

Prepaid:				
6-12 inch.....	.25	1.10	2.40	6.00
12-18 inch.....	.33	1.60	3.90	10.80
18-24 inch.....	.45	2.10	5.00	....
2-3 feet.....	.60	2.90	7.90	....
3-4 feet.....	1.55	10.50	....	....

**Hackberry** *Celtis Occidentalis*. A most valuable tree that should be included in any timber planting. One of the very best for a long-lived shade tree. Very hardy, and unusually drought-resistant. I recommend it especially for wood-lots and for shade.

Not prepaid:	10	100	300	1000
6-12 inch.....	\$0.30	\$2.00	\$4.50	\$12.00
12-18 inch.....	.40	3.00	7.50	20.00
2-3 feet.....	.80	6.00	....	....
3-4 ft., nice trees	2.50	20.00	....	....

Prepaid:				
6-12 inch.....	\$0.40	\$2.20	\$5.00	\$13.00
12-18 inch.....	.55	3.30	8.20	....
2-3 feet.....	1.00	6.70	....	....
3-4 feet, nice trees	3.10	....	....	....

## PLANTING INSTRUCTIONS

After receiving shipment, put roots of the seedlings in cold water for a few hours. Before taking them out for planting, dip the roots into a paste of thin mud, plant with plenty of mud sticking to the roots. Plant 1 inch deeper than grown in the nursery. Water right after planting. For choice, straight stems, cut the seedlings off right after planting, make the cut next to the ground. There will be two or three sprouts per seedling within a short time. Cut the sprouts all off but one, which will make a perfectly straight stem in one growing season.



# FOREST TREES

## Special LOW PRICES



A woodlot stops the wind, holds snow and moisture.

## Farm Hedges for Shelter Belts. Protect Your Fields.

Four-year-old Chinese Elms for field protection and windbreak. Use my strong 18 to 24 inch seedlings for easy starting, quick results in windbreak and woodlot planting.

**Black Locust** *Robinia Pseudoacacia*. In great favor for Erosion Control. It holds the soil firmly even on extremely steep ground, due to its habit of forming a dense network of roots, which sometimes make sprouts. This tree grows fairly fast, it is a valuable tree for its wood also.

Not prepaid:	100	300	1000
4- 6 inch	\$0.65	1.50	4.00
6-12 inch	.85	2.30	6.80
12-18 inch	1.50	4.00	12.00
18-24 inch	2.00	5.50	17.00
Prepaid:			
6- 8 inch	.75	1.70	4.40
8-12 inch	1.00	2.60	7.40
12-18 inch	1.70	4.40	12.80
18-24 inch	2.30	6.00	....

**Honey Locust** *Gleditsia Triacanthos*. This Locust will positively not make suckers from the roots. You can grow pasture or lawn grass under this tree, and the grass will do extra well in the shade of this Locust. It is a clean tree, of the hardwood type but growing quite rapidly. Perfectly hardy everywhere, resists drought extra well. For timber, wood-lots, for shade in grazing grounds, and, due to its very stout thorns, for strong, protective cattle fences. For theft and cattle proof fences plant 18 inches to 2 feet apart in the row.

Not prepaid:	100	300	1000
4 to 6 inch, good root.	\$0.50	1.20	3.50
6-12 inch, nice plants	.70	1.80	5.00
12-18 inch, strong plants	1.20	3.00	9.00
Postpaid:			
4- 6 inch	.60	1.35	3.90
6-12 inch	.85	2.10	5.70
12-18 inch	1.40	3.30	9.80

### Thornless Honey Locust

*Gleditsia Triacanthos Inermis*. In every respect the same as the Honey Locust, except that it has no thorns. In the seedlings about 60% come true thornless.

Not prepaid:	10	100	300	1000
18-24 inch strong plants	\$0.35	2.50	6.00	18.00
2-3 ft. heavy	.45	3.20	8.50	25.00
Prepaid:				
18-24 inch	.45	2.80	6.50	....
2-3 ft.	.55	3.60	9.20	....

**Bur Oak** *Quercus Macrocarpa*. Going through drought stricken timberland it is readily noted that this Oak came through unharmed. Perfectly hardy, can be grown anywhere. One of the most profitable timber trees, plant it freely, it will do surprisingly well.

Not prepaid:	10	100	300	1000
6-12 inch	\$0.20	1.20	3.00	8.00
12-18 inch	.30	1.90	5.00	15.00
Prepaid:				
6-12 inch	.30	1.45	3.50	9.00
12-18 inch	.40	2.25	5.60	....

**Osage Orange** *Toxylon Pomiferum*. Used largely for stock fences, planted 18 inches apart in the row, also for post growth, and for that purpose space the rows 6 feet apart, the plants in the rows 2 feet. This is one of the very best plants to produce long lasting posts.

Not prepaid:	100	300	1000
6-12 in., nice plants	\$0.75	1.80	5.00
12-18 in., strong plants	1.10	2.70	7.50
18-24 in., extra heavy	1.60	3.80	11.00
Prepaid:			
6-12 inch	.90	2.10	5.50
12-18 inch	1.35	3.10	8.30
18-24 inch	2.00	4.40	12.50

**Russian Mulberry** *Morus*. There is no other tree that would combine so many good features. The tree is entirely hardy, resists drought well, is even successful in alkali soil. Grows very rapidly. It is a perfect boarding house for song birds and bees. The wood is very valuable, especially for posts which are very long lasting, and can be grown in a short time. Finally, the seedlings can be planted like Privets for an ornamental (sheared hedge). Prices extra low this year.

Not prepaid:	100	300	1000
6-12 in., well rooted	\$0.65	1.65	5.00
12-18 in., nice plants	1.10	2.90	9.50
18-24 in., strong plants	1.70	4.50	14.00
2-3 ft., extra heavy	2.50	6.50	20.00
Prepaid:			
6-12 inch	.80	1.90	5.60
12-18 inch	1.30	3.40	10.50
18-24 inch	2.00	5.20	15.00
2-3 feet	2.90	7.40	....

**Russian Olive** *Eleagnus Angustifolia*. A medium size, clean tree, very hardy. Fine for windbreak, snowtrap, also for ornamental hedges. Foliage silvery-white.

Not prepaid:	10	100	300	1000
6-12 inch	\$0.30	1.70	4.50	14.00
12-18 inch	.40	2.70	7.50	22.00
2-3 feet	1.00	8.00	....	....
Prepaid:				
6-12 inch	.40	2.00	5.00	15.00
12-18 inch	.50	3.20	8.20	....
2-3 feet	1.20	8.80	....	....

**Norway Poplar** *Populus Eugenei*. Also called "Sudden Saw-log," due to its extremely rapid growth. For quick timber plant this tree; makes heavy logs within a short time.

Not prepaid:	10	100	300
2-4 ft. trees	\$0.50	\$3.00	\$7.50
Prepaid:			
2-4 ft. trees	.75	4.00	9.50

**Black Walnut** *Juglans Nigra*. No timber or wood-lot is complete without a few rows of Black Walnut even in the windbreak the taller growth of Black Walnut is very desirable for the center rows. Tree hardy, grows fairly fast, on low land, creek bends, etc. It grows as fast as softwood trees. Of special value for its wood. A Black Walnut timber on your farm represents most appreciable assets.

Not prepaid:	10	100	300	1,000
6-12 inch	\$1.00	1.75	5.00	15.00
12-18 inch	.40	2.50	6.60	21.00
18-24 inch	.50	3.00	8.80	28.00
Prepaid:				
6-12 inch	....	1.90	5.40	....
12-18 inch	.50	2.70	7.10	....
18-24 inch	.60	3.30	9.50	....

**Golden Willow** *Salix Aurea*. Extremely hardy, especially in the North where it makes one of the most wind resisting windbreak trees you can have. Plant more Golden Willow. It is a good tree.

Not prepaid:	10	100	300
18-24 inch	\$0.35	2.50	7.00
2-3 feet	.50	3.50	9.00
Prepaid:			
18-24 inch	.45	2.90	7.80
2-3 feet	.65	4.20	10.00

## FRUIT TREE SEEDLINGS

**Native Plum Seedlings** *For plum thickets, or for an outside row in the windbreak for a snowtrap. Bears good.* 10 for 65c; 25 for \$1.25; 100 for \$3.50; postpaid.

**Peach Seedlings** 12 to 18 inch size. 10 for 80c; 25 for \$1.50; 100 for \$5.00; postpaid.

## PLANTING INSTRUCTIONS

Cultivate for the first year to keep the weeds down, and the soil loose. This means added growth. The corn cultivator will do the work. Commencing the third or fourth year after planting, cut out every second stem for a post. Make a second cutting for heavy posts after another four years which makes room for the remaining trees to grow up to big timber, at a distance of 12x12 or 16x16 feet.

Plant Our Hardy Upland Grown Trees. They Grow.



# Ornamental and Shade

**Ash, American White** *Fraxinus Americana*. Grows well most anywhere, requires very little attention, and makes a very nice well-shaped crown. Exceptionally hardy, drought resistant; one of the fastest growing hardwood trees.

**Ash, European Mountain** *Sorbus aucuparia*. A hardy tree of medium size, smooth bark, dense even top, bearing from July till winter, large clusters of bright red berries. A fine lawn tree.

**Ash, Oak Leaf Mountain** *Sorbus querquifolia*. Much like the European Mountain Ash, except in its leaves, which are of oak-leaf shape, light green with downy-white underneath. A very rare tree, perfectly hardy.

**Birch, White European** *Betula alba*. A graceful, tall tree, getting a white bark in later years. Very showy, especially in groups of evergreens. Hardy as far north as the Dakotas and Minnesota.

**Box Elder** *Acer Negundo*. Ash-leaved Maple. A native tree of spreading habit, rapid growth, and is very hardy; succeeds in many places where other trees do not thrive; it stands a lot of dry weather. Where Elms, Hackberries, Locusts and others of the better class of trees can be grown, I would not recommend Box Elder. But for a shade tree in localities where others fail, use Box Elder.

**Catalpa Speciosa** *Hardy Catalpa*. An effective, tall tree of tropical appearance with its very broad, large, light green leaves, and purplish white blossoms. Grows rapidly, and resists drought remarkably well. Can be grown as far north as the middle of Nebraska and northern Iowa.

**Catalpa Bungei** *Umbrella Tree*. Makes a very even globe-shaped head, dense, without pruning, and showy, with its large, light green leaves. The stem never grows taller. It is a fine showy dwarf tree for parks, lawns and cemetery planting. Hardy as far north as northern Nebraska.

**Elm, American White** *Ulmus Americana*. The most popular of all shade trees for street and park planting. A large, spreading crown, rapid growth, and the fact that it is hardy most anywhere make this Elm just what it is: the popular favorite.

**Elm, Chinese** *Ulmus Pumilla*. I am growing only the true Chinese Elm, which is the hardy strain. Resists drought better than most trees, and it is the most rapid grower I know of. This is best demonstrated by the oldest tree of this variety in Nebraska, which still stands on our home place. Father Sonderegger planted it there 23 years ago, as a 12-inch seedling that was furnished him by the U. S. Government for special testing purposes. The stem is now 23 inches thick. It is a tall tree with a lofty, spreading crown. For this year I have very nice Chinese Elms, extra well rooted; they will assure you of quick results.

**Elm, Moline** A special type of Elm that is just as hardy as the others, but differs in its habit of growth, being a tall, upright grower, almost like the Poplar. It is a rapid grower, the leaves are larger than those of the common Elm. For an erect, tall grower, you will find this Elm highly satisfactory.

**Hackberry** *Celtis Occidentalis*. American Nettle tree. A native tree with slender branches, bright shining green foliage. It grows fairly rapid, resisted our recent period of drought, and also the borers which have damaged trees in some localities. Hackberry will always remain one of the best trees for general planting throughout the Middle West.

**Linden, American** *Tilia Americana*. Basswood. An excellent tree for shade and ornament, keeping a clean, healthy foliage, and blooming profusely in June. Fairly rapid grower, and makes a well shaped spreading crown. A tree you will like.

**Locust, Honey** *Gleditsia Triacanthos*. A most valuable native tree with spreading branches, forming a large crown of very good and even shape. The leaves are small, coming in sprigs of 18 and more, always free from disease or insects. For a hardwood tree this is perhaps the most rapid grower, and is perfectly hardy everywhere. Has very prominent thorns. This Locust never makes sprouts from the roots. The Honey Locust should be planted more frequently.

**Locust, Thornless** *Gleditsia Triacanthos Inermis*. For street and lawn planting it is one of the very choicest long-lived hardwood trees. Without pruning it will grow up to a beautiful shade tree, developing a splendid crown. It is a fast grower, second only to the Elms. Due to an unusually deep root system, grass or flowers can be grown with best success even close to this tree; it never makes sprouts or suckers from the roots. Entirely hardy, healthy and clean.

**Maple, Soft or Silver** *Acer Dasy-carpum*. Very hardy, easy to grow, and a rapid growing tree. Leaves finely cut, green with whitish color underneath.

**Maple, Norway** *Acer Platanoides*. A hardy tree of majestic form, perfect outline of the crown. It is a hardwood tree, leaves very large, deep green, changing to a pretty pale yellow in the fall. I recommend this tree for a hardy, long lived tree of special beauty.

**Maple, Sugar or Hard Maple** *Acer Saccharum*. Makes a large pyramidal tree with large, handsome foliage of rich, pleasing green, turning red in the fall. Very hardy, although it is not a rapid growing tree for the Middle West. It is a long lived tree.

**Pin Oak** *Quercus Palustris*. One of the most beautiful trees, entirely hardy, develops a wonderful crown, very symmetrical with a perfectly straight center stem from which the limbs branch off horizontally as if an architect had built this tree especially for height and perfect spreading. A hardwood tree of fairly fast growth, the leaves turn reddish brown in the fall, and cling to the branches until spring.



Moline Elm

Chinese Elm

Nioba Weeping Willow

## PLANTING INSTRUCTIONS

Preparation of the holes is the same as described in planting instructions under fruit trees, beginning page 4. Cut the ends of the roots smooth before planting, and plant trees of 4 to 6 ft. size, 2 inches; larger trees 3 to 4 inches deeper than grown before in the nursery row. Water well at planting time, and water occasionally during dry weather the first year.



# TREES

Hackberry—A 15-year-old planting of a double row in the Beatrice Chautauqua park, that came through four years of extreme drought without showing signs of being affected.

## Prices of All Ornamental Shade Trees

	3-4 ft.	4-5 ft.	5-6 ft.	6-8 ft.	8-10 ft.	10-12 ft.	Larger Trees
Ash, American White.....	\$0.25	\$0.40	\$0.50	\$0.70	\$ ...	\$ ...	On larger trees, prices on request. Write varieties, numbers and sizes desired.
Ash, European Mountain .....	.....	.....	1.50	.....	.....	.....	
Ash, Oak Leaf Mountain .....	.....	.....	1.90	.....	.....	.....	
Birch, European White.....	.75	.....	1.30	.....	.....	.....	
Box Elder .....	.25	.40	.50	.70	1.00	.....	
Catalpa Bungei .....	1.00	1.25	1.50	.....	.....	.....	
Catalpa Speciosa .....	.25	.40	.50	.70	1.00	.....	
Elm, American White.....	.20	.30	.50	.70	1.00	1.50	
Elm, Chinese, standard .....	.15	.20	.....	.....	.....	.....	
Elm, Chinese, extra heavy.....	.25	.35	.70	1.10	1.70	2.75	
Elm, Mollne .....	.35	.50	.60	1.00	.....	.....	
Hackberry .....	.25	.90	1.25	1.65	2.25	.....	
Linden, American .....	.....	.....	1.50	.....	.....	.....	
Locust, Honey .....	.15	.25	.40	.70	1.00	.....	
Locust, Thornless .....	.....	.50	.70	1.20	.....	2.00	
Maple, Soft or Silver.....	.....	.60	.75	.....	.....	.....	
Maple, Sugar or Hard.....	.....	.....	.....	2.00	.....	.....	
Maple, Norway .....	.....	.....	1.00	.....	.....	.....	
Oak, Bur Oak.....	.....	.....	.75	1.20	1.50	.....	
Oak, Pin Oak.....	.....	1.25	1.60	2.50	3.00	4.00	
Oak, Red Oak .....	.....	.....	1.90	.....	.....	.....	
Olive, Russian .....	.50	.80	1.20	1.50	.....	.....	
Poplar, Bolleana .....	.....	.....	.85	1.50	.....	.....	
Poplar, Norway .....	.....	.35	.50	.70	.90	.....	
Poplar, Volga .....	.30	.40	.60	.75	.....	.....	
Willow, Golden .....	.15	.25	.40	.70	.....	.....	
Weeping Willow, Nioba.....	.35	.70	1.00	1.50	.....	.....	
Weeping Birch, Cutleaf.....	.....	.....	1.75	2.25	.....	.....	

**QUANTITY DISCOUNT.** All prices quoted above are for one tree. On orders for three trees I allow a discount of 3%; on five trees 5%; on ten trees or more, deduct 10%.

**FREIGHT.** If your order for these trees amounts to \$15.00 or more, I pay the freight.

**Red Oak** Quercus Maxima. Grows tall, remarkably straight, the crown developing at a considerable height in wide spreading limbs and slender branchlets. Leaves scarlet in late fall, very pretty.

**Russian Olive** Eleagnus Angustifolia. A beautiful lawn tree with spreading crown, silvery gray long narrow leaves. Bark nearly black. Small yellow blossoms in the spring which are highly fragrant. Creates a striking effect on the lawn, in parks or in groups between evergreens or tall shrubs. Extremely hardy and drought resistant.

**Poplar, Bolleana** Grows to a spire of 80 ft. in height, leaves shining dark green with silvery white underneath. Hardy as far north as Nebraska. Does not make root-sprouts. A beautiful tree, of striking effect in the landscape.

**Poplar, Norway** Populus Eugenei. Sudden Saw Log—so called due to its extremely rapid growth. For extra quick results, timber or shade, this tree will please you. Bright green foliage, spreading crown, very hardy. Plant this tree wherever you need large trees quick.

**Poplar, Volga** For the Middle West and the North, this tree takes the place of Bolleana Poplar, as Volga Poplar is much hardier; it is also an upright grower (column shape), however, it is a little more spreading than Bolleana. The leaves are green underneath also. Grows very fast.

**Golden Willow** Salix Aurea. The hardness of this tree, its resistance to wind, its rapid growth, the showy golden bark in the winter, combined, should secure a much better place for Golden Willow with landscapers and planters everywhere. Especially where the tree is needed for wind protection, it will certainly give perfect satisfaction. Easy to grow.



**Bur Oak** Note the large, spreading crown of this tree, growing here in Beatrice (Chautauqua park). This is the typical shape of Bur Oak. A hardy, hardwood tree, clean and healthy, its longevity has long become proverbial. For a live memorial to survive several generations, an Oak, particularly this Oak, is the right tree.

**Pin Oak** The tree that keeps the leaves all through the winter, shedding them in the spring when the new buds open.

## WEeping TREES

**Nioba Weeping Willow** Near a pool, on the lawn, in parks and cemeteries, the Nioba Weeping Willow adds great charm to the landscape. Its long, slender branches that touch the ground or water-edge in graceful arches, the light green foliage, and during the winter the golden yellow color of bark and branches, assure you of an attractive tree the year round.

**Cutleaf Weeping Birch** Grows tall, with white bark, and gracefully drooping branches. Very attractive. The tree is hardy in the Middle West, except in the extreme northern part.

**Tea's Weeping Mulberry** I have the trees of 5 to 6 ft. size, which will always stay at that height, the crown developing, densely branched, and sending slender vine-like branches drooping down to touch the ground. My trees have good two-year grafted heads, \$2.20 each; 2 for \$4.00.



**Volga Poplar** Rapid, upright growth, one of the most suitable trees to create a tall background, or offset the height of a tall building.





Photo at the left:  
Juniperus Virginiana with  
Barberry for Border Hedge.

## Pfitzer's Juniper

Juniperus Pfitzeriana. A Dwarf Evergreen of dark green color, grows in a beautiful vase shape, the only hardy Juniper strain to produce this growth and shape. Very good. Wherever a Dwarf Evergreen is wanted, this tree will be very satisfactory. For a creeping or low spreading Juniper use Waukegan Juniper

**Scotch Pine** Note photo above. An excellent pine for windbreak due to its exceptionally rapid growth, its hardiness, and vigorous development of stout branches.

**Austrian Pine** Second only to Scotch Pine in being a rapid grower, with stout branches, needles 4 to 5 inches long, and the tree is perfectly hardy. A most valuable pine.

**Bull Pine, Ponderosa** Also called Western Yellow Pine. Has very long needles; the tree is well and stoutly branched, very hardy. A fine tree for wind protection, and of nice appearance.

**Juniperus Virginiana—Red Cedar** Extra hardy, and has come through the country's worst drought in splendid shape. This is the dark green strain of Red Cedar that holds the color well throughout the year. Wherever you plant this tree you make a great improvement; they make a grand showing the instant they are planted, due to their perfect shapes. My trees have been under expert care for years, with constant shearing they have become perfectly shaped and very dense. Trees of such quality are perfect specimens; there is nothing else that would improve the appearance of a home so promptly and so thoroughly. They are easy to plant, easy to get started, just plant the root-ball two or three inches deeper and water heavily as you fill in the soil around the root-ball.

## Prices of All Varieties of Upright Evergreens

Prices include complete root-balls, sewed in burlap cover.

Height in feet	2	3	4	5	6	7	8	9	10
Arbor Vitae, natural growth.....	\$...	...	...	...	...	4.50	5.00	5.50	6.00
Arbor Vitae, Chinese, Pyramidal.....	2.50	3.20	4.00	4.50	5.00	6.00	7.00	8.00	...
Arbor Vitae, Chinese Globe, sheared...	2.75	3.50	4.50	5.00	...	...	...	...	...
Concolor Fir .....	3.90	5.80	7.80	9.50	12.00	...	...	...	...
Douglas Fir .....	2.25	3.50	4.75	6.00	7.25	...	...	...	...
Colorado Blue Spruce, blue.....	5.00	8.00	10.00	...	...	...	...	...	...
Colorado Blue Spruce, green.....	3.00	5.00	7.00	...	...	...	...	...	...
Pine, Austrian .....	2.00	3.00	4.00	5.00	6.00	...	...	...	...
Pine, Scotch .....	1.80	2.40	3.20	4.00	4.80	5.60	...	...	...
Pine, Bull Pine.....	2.00	3.00	4.00	5.00	6.00	...	...	...	...
Juniperus, Swedish .....	2.00	3.00	...	...	...	...	...	...	...
Juniperus Scopulorum, silver.....	3.00	4.50	6.00	7.50	...	...	...	...	...
Juniperus Scopulorum, blue-green.....	2.50	3.75	5.00	6.25	...	...	...	...	...
Juniperus, Chinese .....	...	...	...	5.00	6.00	6.50	7.20	8.00	9.00
Juniperus Virginiana, sheared.....	1.75	2.25	4.00	5.00	6.00	7.00	7.50	8.00	8.50

Juniperus Virginiana, for windbreaks, natural growth, 2 to 3 ft. size, \$1.00 each.

**FREIGHT:** Not included in prices quoted above. I can give you the shipping weight and freight rate on request. Please write number, size and variety you are interested in.

**QUANTITY DISCOUNT:** 8% off for pairs; 10% discount on 5 trees or more.

## Flowering TREES

**Bechtel's Double Flowering Crab** Note photo lower left hand corner. (Pyrus Coronaria.) Produces a wealth of double fragrant blossoms of delicate pink color. Makes a wonderful dwarf tree, one of the finest for flowers, which can also be used in bouquets. 2 to 3 ft. nice trees, 90c each; 3 for \$2.50. 4 to 5 ft. trees, well branched, \$1.45 each; prepaid.

**Florabunda Crab** A very showy tree when in full bloom. Blossoms of red or reddish-pink turning almost white before they fall. The twigs are very pretty, often used for bouquets.

	1	3	10
2-3 ft. ....	\$0.50	1.40	4.20
3-4 ft. ....	.65	1.85	5.80

**Hopa Crab** Note photo lower right hand corner page 25. Beautiful when in bloom, flowers of deep rose-crimson. Perfectly hardy. One of the finest flowers of the spring.

	1	3
3-4 ft. ....	\$0.55	1.50
4-5 ft. ....	.65	1.80
5-6 ft. ....	.80	2.10

**Dolgo Crab** Besides being very pretty when in full bloom it is also a most valuable tree for its fancy quality of dark red crab apples. Finest for jelly. See page 5.

Bechtel's Double Flowering Crab



# REENS

**Chinese Arbor Vitae** This tree came through the drought in excellent condition. Stands the winter here perfectly well. It is a fast grower, with pretty light green foliage, that can be sheared, and grows to a nice dense shape. I can furnish you this tree in natural growth for background and windbreak planting. Also in Pyramidal shapes which have been sheared for years in the growing field, and the globe shape special pruned and sheared to form a dense globe form.

**Colorado Blue Spruce** The prettiest of all Spruce sorts, perfectly hardy, with pretty needles, and a good dense growth. Fine for single specimens on the lawn, in parks or on the cemetery grounds. I have the selected good blue type, also the bluish green, which is listed under green in my price list.

**Concolor Fir** The blue cast of the foliage, and the beautiful shape of the tree are very desirable for single specimens or for planting in groups. Hardy, and drought resistant.

**Douglas Fir** A tree of wonderful shape, should be planted more freely for ornamental purposes. Foliage dark green, it grows well, and is fully hardy.

**Chinese Juniper** A very dense grower with pretty light green foliage, ranging to an attractive bluish cast. Stands shearing well, and is very hardy. One of the best upright growing Junipers.

## Prices of Dwarf Evergreens

Spread of each tree in inches.....	12-18	18-24	24-30	30-36
Mugho Pine .....	\$2.00	3.00	3.75	4.50
Juniperus Pfitzeriana .....	2.50	3.50	4.50	...
Waukegan Juniper .....	...	3.00	4.00	4.60
Juniperus Stricta .....	...	2.50	3.00	3.75

**QUANTITY DISCOUNT:** 8% off for pairs, 10% discount for 5 trees or more.

**FREIGHT:** These trees are furnished with balls of earth, freight not included in prices.

## for SPECIAL BEAUTY

**Prunus Triloba** A most charming little tree, blooms beautifully in the spring, blossoms double, light pink, very showy. Perfectly hardy. Makes a beautiful tree on the lawn or between shrubs. 2-3 ft. nice trees, 40c each; 3 for \$1.10; postpaid. 3-4 ft. branched trees, 60c each; 3 for \$1.65; postpaid.

**Hansen Purple Leaf Plum** All through the growing season a most showy tree, its reddish purple leaves showing up splendidly. As a single specimen on the lawn, or among plantings of tall shrubs with green or yellow foliage this tree shows up extra well. 2-3 ft. trees, 50c each; 3 for \$1.40. 3-4 ft. branched trees, 75c each; 3 for \$2.00; postpaid.

**Paul's Double Flowering Thorn** (Crataegus Oxycanthus Pauli.) A very handsome dwarf tree with shiny foliage. Blooms in late spring in compact clusters of small, double, crimson flowers. Fine for single planting or for groups. 3-4 ft. nice trees, 85c each; 3 for \$2.40. 5-6 ft. extra heavy trees, \$1.50 each.

**Pussy Willow** Produces the large catkins in early spring. Very pretty. The tree is very hardy, a nice upright grower, with good healthy foliage. 2-3 ft., 50c each; 3 for \$1.35. 3 to 4 ft. nice trees, 70c each; 3 for \$2.00; postpaid.

**Caragana—Siberian Pea Tree** Can be grown in form of a tall shrub, or as a dwarf tree. For background and screen planting. It has a nice feathery foliage, and blooms in May, the flowers come in nice clusters of yellow pea shaped blossoms. 2-3 ft., 40c each; 3 for \$1.00. 3-4 ft., 50c each; 3 for \$1.30; postpaid.

**Mugho Pine** Note photo above. Grows in a beautiful globe shape, without shearing or pruning. Its natural growth is in a perfect ball form, with dark green needles. Perfectly hardy. A most beautiful Evergreen.

**Waukegan Juniper** A spreading Juniper, never gets over 1½ ft. high, making a splendid ground cover, also very effective in the rockery. Steely blue color, very hardy.

## EVERGREEN SEEDLINGS

**AUSTRIAN PINE.** 6 to 9 inch seedlings.  
**SCOTCH PINE.** 9 to 12 inch seedlings.  
**RED CEDAR.** 4 to 6 inch seedlings.  
**BULL PINE.** 6 to 9 inch seedlings.  
**CHINESE ARBOR VITAE.** 9 to 12 inch seedlings.  
**Prices Above 5 Varieties:** 5 for 70c; 10 for \$1.20; 25 for \$2.50; 100 for \$8.60; postpaid.  
**COLORADO BLUE SPRUCE.** 6 to 9 inch seedlings, 5 for 75c; 10 for \$1.30; 25 for \$3.00; 100 for \$11.00; postpaid.

**Juniperus Stricta** See picture above. A very pretty tree of low, compact growth that stands shearing well, and can be kept in most any shape. Its beauty is further increased by the lovely bluish cast of its foliage. Very good, and perfectly hardy.

## Juniperus Scopulorum

Grows very compact as the photo (above) indicates. A very symmetrical tree of outstanding beauty. I can furnish this tree in its regular bluish-green color, or in a selected silver color. My trees are beautifully shaped, very dense, and come with a complete root-ball. Easy to start.

**Hopa Crab** A tree of rare beauty, blooming in May, completely covered with flowers of deep rose carmine color. Out on the lawn or as a group planting Hopa Crab is like a gigantic bouquet. Prices see page 24.





# Sonderegger

2 YEAR OLD NO. 1

## Hybrid TEA ROSES

48c each;

3 for \$1.15; postpaid;

6 for \$2.10; 10 for \$3.20.

### RED EVERBLOOMING ROSES

**Gruss an Teplitz** <sup>Bright Cherry</sup>  
crimson, intensely fragrant. There is no other rose that blooms so continually, and its growth is very vigorous and healthy, making a beautiful shrub.

**American Beauty** <sup>A very fragrant</sup>  
rose of crimson-carmine color shaded deep pink. One of the oldest of the everblooming roses, and one of the hardiest. Still in great favor.

**E. G. Hill** <sup>See picture on front cover page.</sup>  
A rose of brilliant scarlet color, very double, and does not fade in the sun. One of the very best for cut flowers, lasting well.

**Red Radiance** <sup>A splendid rose of</sup>  
lovely cherry red color with good stems, making an excellent cut flower. Especially good for fall blooming. Fragrant.

**McGredy Scarlet** <sup>See picture on front cover.</sup>  
A rose of dark glowing rose color, with extra large buds. The flower is very fragrant. One of the new roses which I recommend.

**Ami Quinard** <sup>The deepest black-red</sup>  
rose that can be grown without special treatment, and in that respect far superior to several of the new roses called "black." A beautiful rose, fragrant, nice for cut flowers, should be in every planting.

**Grenoble** <sup>A new rose, and truly a majestic</sup>  
flower. Brilliant scarlet red, tall growing, with lovely buds. Very showy, and an excellent cut flower. My 2-year No. 1 plants at no extra cost. Include this rose in your planting.

### PINK EVERBLOOMING ROSES

**Dame Edith Helen**  
Pretty pointed buds which open slowly to large blossoms of perfect forms. The color is an even shade of brilliant pink. Very fragrant.

**Columbia** <sup>See picture on front cover.</sup>  
One of the rarest shades of delicate pink, and very fragrant. You will love your Columbia rose in the rose bed as well as in your bouquets.

**Pink Radiance** <sup>Bright rosy pink</sup>  
of the Radiance type. A large double rose, very fragrant, and a vigorous, healthy grower.

**Souvenir de Mme. C. Chambard** <sup>Buds deep rose-pink of outstanding beauty,</sup>  
opening to a very double rose with a distinct golden glow over the rose-pink petals. A new rose, at popular prices.

### TWO-TONE EVERBLOOMING ROSES

**President Hoover** <sup>See picture on front cover page.</sup>  
The buds, long and pointed, appear on long, upright stems. The inner side of the outer petals is dark pink and rose, the reverse side orange streaked with red; a beautiful salmon and apricot shading of the center petals completes this wonderful color combination. It is very fragrant, and of exceptionally vigorous growth.

**Talisman** <sup>See colored photo on front cover page.</sup>  
Few roses have found so many friends in such a short time as Talisman. Its most unusual color, being a combination of gold, apricot, pink and carmine in mingled splashes, streaks and blends, place Talisman amongst the best for color in the rose garden, and for a splendid cut flower.

**Rev. F. Page Roberts**  
Beautiful long buds which vary in color from deep coppery pink to orange and red. When the rose opens the petals are pure golden yellow on the inside, and stained with copper and red on the reverse side. Produced on nice stems for a good cut flower.

K. A. VICTORIA  
White

VILLE  
DE PARIS  
Yellow





## YELLOW ROSES

### EVERBLOOMING

**Joanna Hill** The exquisite-ly formed buds are of apricot color with just a slight touch of bronze. As the flower opens it shows a lighter color with sunset shades of gold and apricot-yellow. A very pretty rose that stands up well even in wet and foggy weather.

**Lady Hillingdon** Makes a beautiful and graceful bush. The buds are long and pointed, their color as well as that of the large double blossoms is a deep rich apricot yellow. Foliage very good that adds greatly to the showiness of this rose.

**Mrs. P. S. Du Pont** See colored photo on front cover page. Of all yellow roses I believe this is the most freely blooming. Buds are small but extra well formed, and of a dark orange-yellow color that holds well. This is a most satisfactory rose, not only for its fine flowers and its wealth of blossoms throughout the season, but also for its compact growth; dark green glossy foliage that is not attacked by mildew.

**Ville de Paris** Here is a very large and double rose of a rare shade of sunflower yellow. It does not fade in the open sun, and is almost thornless.

**Sister Therese** A new rose of vigorous growth, and a profuse bloomer. It is a tall grower, fitting in well as a background in the rose garden. The buds on extra long stems are golden yellow, sometimes streaked red, and the large double open flowers change to a creamy yellow.

### WHITE EVERBLOOMING ROSES

**K. A. Victoria** Pearly white, tinted with lemon in the center. Large, fully double, and of perfect form. This rose has long been the popular favorite with rose growers, and due to its good blooming, pretty flowers and good growth it will always be on top of the list of white roses.

**Caledonia** A pure white rose of recent introduction, buds extra long, opening very slowly. Of the late introductions of white roses this is no doubt the very best.

### PATENTED ROSES

Some of the roses recently introduced were patented by the originator under the new plant-patent law. This gives the originator the right to set wholesale and retail prices. As a rule prices on these roses vary from \$1.00 to \$3.00 each. After having tried some of these roses, and perhaps the most outstanding sorts, I have reached the opinion that they are not worth much more than some of the popular roses, in fact, some of the older varieties and some of those that are not patented are as good, in some instances better and hardier. At 50c each I would be willing to sell patented roses, but at the prices that would be dictated to me by the originator, and which would allow me a very large profit per plant, I cannot see my way clear to keeping my customers satisfied. But if you wish to have patented roses, I can get them for you, any variety you find nationally advertised, and I can furnish them at nationally advertised prices.

### PLANTING INSTRUCTIONS

After preparing a large hole to allow plenty of room for all roots, plant the rose so deep that the bud just above the root will stand about 1-inch below the surface of the soil. Fill in with a mixture of good top soil to which may be added a small quantity of sand, and if at all available mix the soil with about one-fourth Peat Moss which assures better results from watering. When the hole is about full apply plenty of water to settle the soil, then finish filling up with medium moist soil. Cut the canes of the roses back to within 8 or 10 inches from the ground. Bank up moist soil or sand (or Peat Moss) to a height of 8 inches, which is to be left over the rose until the roots are started and new sprouts appear along the canes. At that time remove the soil or other material that was used for banking up the rose. For winter protection cut back the roses in the very same manner, and cover them just as suggested above for starting.

REV. F. PAGE  
ROBERTS  
Two-Tone

PINK  
RADIANCE



PAUL NEYRON  
Pink

**Sonderegger**

# Baby RAMBLERS

All Roses:

48c each; 3 for \$1.15;

6 for \$2.10; 10 for \$3.20; postpaid.

## HARDY EVERBLOOMING (Hybrid Perpetual) ROSES

**Paul Neyron** The largest of all roses, often called "Cabbage Rose" owing to its immense size. Very sweet scented, dark pink, and very double.

**General Jacqueminot** A large rose of rich velvety crimson changing to a dark scarlet crimson. Blooms well and is easy to grow, very double and fragrant.

**Snow Queen** Open blossoms pure white, large and double. A vigorous grower, and a good bloomer. Where Hybrid Tea Roses are not quite hardy enough, this rose and the two listed above will come through with a cover for winter protection.

## BABY RAMBLERS (Dwarf Polyantha) Golden Salmon

Bright orange salmon, looking like a bonfire from the distance. Large clusters in great numbers coming throughout the entire summer and fall.

**Ideal, Red Baby Rambler** Very bushy, well covered with clusters of dark red flowers; fine for border. Blooms freely all through the summer.

**Catherine Zeimet** The only double and pure white fragrant Baby Rambler rose, blooming all through summer and fall. Very fine for border.

**Orleans** Vivid rose-crimson with white center, flowers in well arranged clusters. Very pretty, and freely blooming.

## Gruss an Aachen, Dwarf Rose

Although the plant belongs to the Polyantha family of roses (Baby Ramblers) Gruss an Aachen blooms in individual buds opening to beautiful blossoms shaped like the Hybrid Tea Roses. It is a fragrant rose, its color ranges from carmine and salmon pink to golden yellow shadings, turning almost white as the blossoms open to full size. It blooms practically from spring until late frost in the fall. Truly the best everblooming rose on the market. Its neat, compact growth, healthy foliage are of extra great value for border work. Should be in every rose planting. Special price 50c each; 3 for \$1.35; 6 for \$2.40; prepaid.

PATENTED ROSES ON REQUEST AT PRICES AS NATIONALLY ADVERTISED.

A BORDER OF BABY RAMBLER ROSES, Golden Salmon and Catherine Zeimet. A most pleasing border for rose beds and other flower beds, and exceptionally showy due to the very long period during which these roses continue to bloom. In the Middle West I recommend a cover over winter consisting simply of soil. Plant 18 inches apart in the border row.

GENERAL JACQUEMINOT



# Sonderegger

## Dwarf and Rugosa ROSES

**Hugonis, Chinese Yellow Rose** Grows up to a large bush, 7 feet tall, and spreading 5 to 6 feet. Perfectly hardy, retains a good, showy foliage throughout the summer. The sparkling buds begin to swell in April, a beautiful picture for several weeks, and finally when the blossoms open in June the bush looks like a shimmering mound of gold. Nice 2-year No. 1 shrubs, 45c each; 3 for \$1.10; postpaid.

**Eskimo Beauty Roses** Beautiful shrubs of the Rugosa Rose type, having the pretty Rugosa foliage, and perfect hardiness; needs no protection over winter anywhere. Very fine in the shrub planting or for a tall rose screen (4 to 5 ft.). Also in great demand for planting in cemeteries. The flowers appear in very pretty, showy clusters, double, and continue to appear through the greater part of the summer. I have the following varieties:

**HANSA—RED**

Very good, showy red. A beautiful flowering shrub. Perfectly hardy.

**BELLE POITEVIN—PINK**

Blooms very freely, in bright, magenta pink; flowers of pretty shape.

**SIR THOMAS LIPTON WHITE**

Nice large snowy white blossoms. A wonderful shrub for cemetery planting.

These three varieties, 2-year No. 1 nice shrubs, 45c each; 3 for \$1.10; 10 for \$3.00; postpaid.

**F. J. Grootendorst** See photo at the right. Note the beautiful cluster of blossoms which come in a beautiful shade of warm pink. This shrub produces a wealth of flowers, each cluster practically a tailor-made bouquet. The foliage is healthy, of the pretty Rugosa type, and the shrub is entirely hardy in the Middle West without cover. It will reach a height of about 4 ft. developing into nice bush form. Therefore, very valuable in landscape work, for background in the rose bed, as groups by themselves, or in between regular flowering shrubs. Being practically everblooming it will be highly attractive throughout the growing season. Nice 2-year No. 1 field grown shrubs, 50c each; 3 for \$1.25; postpaid.

To get your roses to deliver the greatest number of flowers during the blooming season water heavily in dry weather. An application of well rotted barn manure in early spring worked lightly in the soil, or a top application of Vigoro (according to directions) will be most effective. It will produce a stronger growth, and with proper pruning more flowers. Pruning takes place after every blooming period, removing all faded blossoms and their stems back to the nearest branch bud. Always prune in late fall or early spring (except Rugosa and Hugonis) cutting the plants way back for more new blooming canes from the ground up. Roses that need covering over winter are cut back before covering; cover after leaves have fallen.

ABOVE: GRUSS  
AN AACHEN  
(Page 28.)  
BELOW: F. S.  
GROOTENDORST





# Climbing ROSES

Hardy Field-Grown  
2-Year No. 1 Roses  
48c each; 3 for \$1.15;  
6 for \$2.10; 10 for \$3.20;  
all postpaid.

## Climbing American Beauty

For years this rose has been the favorite for trellis work. It is a hardy rose, and its double flowers, red to crimson in color are very showy. They closely resemble the bush rose of the same name in shape, and are slightly fragrant.

**Dr. W. Van Fleet** The buds and flowers are of a pale pink color, and come on long stems, making them particularly suitable for cut flowers. Its foliage is a shiny bronze-green, and the plant is perfectly hardy except in the extreme North where all Climbing Roses should be laid down over winter and covered with soil. By far the finest of the flesh-pink climbers.

## Paul's Scarlet Climber

For a very showy scarlet rose you will find none better among climbing roses even at a much higher price. It is a most dependable bloomer, and having several blooming periods in normal growing seasons. The flowers are of perfect form, coming in attractive sets of several blossoms to each twig. Healthy and a good grower.

**Silver Moon** Different from other Climbing Roses are the large buds of Silver Moon, creamy white blossoms, semi-double with golden anthers; buds and blossoms appearing in attractive sprays.

## TWO EXTRA HARDY CLIMBING ROSES

**Seven Sisters** For a good many years this rose has been the popular favorite, due to its special hardiness. Seven Sisters comes through the winter in good shape. The color of the blossoms varies from a rosy red to flesh pink, sometimes almost white; a pretty combination.

**Crimson Rambler** A vigorous grower, often making vines 10 to 12 feet high in one growing season. Flowers of glowing crimson color produced in immense panicles, almost covering the entire vine. Does best on a trellis. Except in the extreme North the vines will come through the winter by just bending them over in late fall, and laying them on the ground.

**Primrose** One of the finest yellow climbers you can get. It is a beautiful rose of canary yellow color. Same as most climbing roses, except the extra hardy type, this rose should have a cover over winter for best results. Just lay the vines down on the ground in late fall, and cover with leaves, straw or soil. I also recommend that Climbing Roses are grown on wood or wire trellis support, not directly up against a solid wall that would not permit a free circulation of air.

**Blaze** U. S. Plant Patent No. 10. A nationally advertised rose, and as such the price is set by the patent holder. Blaze has the vigor, beauty and hardiness of Paul's Scarlet of which it seems to be a sport, and is also scarlet red. It is claimed to bloom a little more freely than Paul's Scarlet Climber, and the blossoms are perhaps slightly larger. 2-year No. 1 plants of Blaze, \$1.00 each; postpaid.

PICTURE BELOW: A number of different varieties and different colors of climbing roses planted along an arbor walk, woven wire being used for support of each vine. Small or large arbors, also porches are easily ornamented and covered with climbing vines. Roses are in special favor due to their valuable and showy blossoms. Near a porch or house foundation, plant at least 18 inches away from the foundation. Roses will respond readily to frequent watering. This should never be neglected during the summer.

CLIMBING AMERICAN BEAUTY

## Collection Hardy Climbing Roses

- 1 Paul's Scarlet
- 1 Dr. W. Van Fleet
- 1 Silver Moon
- 1 Seven Sisters

4 nice 2-year No. 1 Roses

for only **\$1.35**  
POSTPAID



Plant your roses as soon as the frost is out of the ground. Water well at planting time. Bank up 8 inches of soil until new sprouts appear, cut all canes back to 8 or 10 inches from the ground.



**Silver Lace Vine** (*Polygonum Auberti.*) I know of no other vine that would grow as rapidly as the Silver Lace Vine, resist drought, cold and insects as well, and be so certain of blooming the first year. Wherever you need a good, hardy vine that covers trellis work good and fast you will greatly appreciate this vine. It blooms in late summer until heavy frost in the fall. Per plant, 50c; 2 for 90c; 4 for \$1.70; postpaid.

**Ampelopsis Engelmani** Clings firmly to stone or brick walls, old tree trunks, as for instance in the photo shown at right. Retains an excellent foliage throughout summer and fall, and is very dense. A very hardy climber, even for the North. 2-year-old plants, 35c each; 3 for 90c; postpaid.

**Boston Ivy** (*Ampelopsis Veitchii.*) A very fine wall cover, will cling to stone or brick walls. The foliage is small to medium in size, very dense, changing to a beautiful brilliant scarlet in the fall. It is a hardy vine but should not be planted on the sunny side of a building where it would green out too early. Nice 2-year-old strong vines, 45c each; 3 for \$1.20; postpaid.

**Bittersweet** (*Celastrus Scandens.*) A vine with nice foliage and bearing red berries in late summer which cling to the vine until late winter. Often used in winter bouquets. It is of fairly rapid growth, and is perfectly hardy. 2-year nice plants, 50c each; 3 for \$1.30; postpaid.

## HONEYSUCKLE VINES

**Japanese Honeysuckle** Hall's Evergreen Honeysuckle. A very pretty vine with beautiful foliage, densely covering the vine, and with a wealth of creamy-white blossoms in midsummer, which are fragrant. In the South this vine is evergreen, with us here and north of here it will stay green until Christmas. Grows about 12 to 15 feet tall. Nice No. 1 plants, 25c each; 3 for 60c; 10 for \$1.80; postpaid.

**Scarlet Trumpet Honeysuckle** Foliage odd shaped but attractive and blossoms of trumpet form, scarlet red and fragrant. Very good for trellis and ground cover. It is very hardy, and does well most anywhere. Nice 2-year plants, 30c each; 3 for 75c; 10 for \$2.20; postpaid.

**Kudzu Vine** (*Pueraria Thunbergiana.*) The Japanese variety, known as the most rapid grower of all vines. Will cover a large space in one season, freezes back in the winter but makes a complete new growth within one summer. This is the large leaved type for dense shade. Blossoms are rosy purple. 2-year-old plants, 30c each; 3 for 75c; postpaid.

**Madeira Vine** Grows from a tuber which is wintered same as potatoes—in the cellar. Make rapid growing vines with shining green leaves and white blossoms which are fragrant. A very clean grower, and can also be used for ground cover. 3 tubers, 35c; 12 for \$1.10; 25 for \$2.00; postpaid.

## CLEMATIS

**Clematis Paniculata** Small flowering. A very hardy Clematis of rapid growth, very suitable for trellis and arbor cover. Note arbor pictured at the right which is covered with this Clematis. Pure white blossoms, and a good clean foliage. 40c each; 3 for \$1.00; postpaid.

**Clematis Coccinea** Small flowering. This is the well known bell flowered Clematis, blooming in small red blossoms from June throughout the summer. It is a good, healthy climber, and blooms freely, quite hardy. Nice plants, 40c each; 3 for \$1.00; postpaid.

## LARGE FLOWERING CLEMATIS

After planting them give them a mulch of Peat Moss or wood shavings in order to keep the soil cool.

**Clematis Jackmani** The Blue Clematis that is so well known. The color is really a dark purplish blue, and the blossoms in large star shape appear in large numbers, very showy. Nice plants, 75c each; 3 for \$1.90; postpaid.

**Clematis Mad. Ed. Andree** The best red of the large flowering type; grows and blooms just as well as the Jackmani, in a combination planting with Jackmani and the white flowering Henryi, crossing the branches of all three you get a wonderful picture of the "Red, White and Blue" on your trellis. Nice plants, 75c each; 3 for \$1.90; postpaid.

**Clematis Henryi** A most beautiful Clematis of the large flowering type with pure white blossoms. Very good. 75c each; 3 for \$1.90; postpaid.

Depending on the distance I ship the large flowering Clematis either as potted plants (with root-balls) or regular two-year field grown plants. The latter are planted by spreading the roots out evenly, and deep enough to cover the crown buds  $\frac{1}{2}$  to 1 inch.

# Climbing VINES

**Trumpet Vine** (*Bignonia Radicans.*) An old fashioned vine, with large, orange-scarlet trumpet shaped flowers nearly all summer. It is a woody vine, hardy, can also be used for covering walls or stumps. Nice 2-year-old vines, 40c each; 3 for \$1.00; postpaid.

**Virginia Creeper** Woodbine. This is a native American vine, strong and hardy, a rapid grower with dark green foliage that changes to a showy scarlet in the fall. 2-year-old No. 1 plants, 30c each; 3 for 75c; postpaid.

**Chinese Wistaria** This vine produces flowers of great beauty. They come in large grape-shaped clusters of purplish-blue, and are highly fragrant. The vine is stout and woody, branches out well over the top of an arbor. Normally these plants begin to bloom after three years. To assure blooming plants I graft my Wistarias with wood from blooming vines, and these will bloom after reaching the proper age. 2-year-old grafted plants, 50c each; 3 for \$1.30; postpaid.

**Perennial Sweet Pea** *Lathyrus.* For a ground cover, or for trellis of fence height you will find this plant one of the most freely blooming. Throughout the entire summer and fall this plant bears large numbers of pretty flowers, just like Sweet Peas, showy on the plant as well as in bouquets. Grows dense. They bloom in all shades of red and pink. Let this pretty vine cover your wire and lattice fences. 3 for 50c; 10 for \$1.50; postpaid.

**Trailing Periwinkle** *Vinca Minor* or Creeping Myrtle. A hardy evergreen plant that makes a pretty ground cover about 6 inches high, by making a dense network of rooting runners. It does well most anywhere, even where other ground cover plants and grasses fail. 3 plants for 40c; 12 for \$1.20; 25 for \$2.20; postpaid.



Ampelopsis Engelmani covering an old tree trunk that is being used for a bird house stand.



CLEMATIS PANICULATA ON AN ARBOR.





# Flowering SHRUBS

There is no other improvement you can make on your home and its surrounding that would give such striking results so quickly and so economically as by planting shrubs, trees and plants. Plant good, hardy stock, and this is what I am offering you. For Sonderegger's stock is upland Nebraska grown, subjected to severe winters, and extremely hot and dry summers. Sonderegger stock is known by its greater hardiness. Prices on all flowering shrubs include cost of postage or express charge. In order to encourage planting of flowering shrubs even where funds for planting material are limited, I am also listing, wherever possible, a 12 to 18 inch grade of shrubs, nice well rooted and healthy plants that are easy to start. The 2 to 3 ft. grade is the full blooming size.

## DOUBLE FLOWERING ALMOND

### Almond, Double Pink

(Prunus Amygdalus.) Will grow to a height of 4 to 5 feet, making a very nice bush, with its main canes erect and bushy in its branches. It blooms beautifully in early spring. The slender branches are entirely hidden by stemless, double flowers that resemble small roses. Blooms in April before the shrub gets its leaves. Hardy as far north as the southern half of Nebraska. For the North I recommend Prunus Triloba instead. The latter is much hardier. 2-3 ft. nice shrubs, 50c each; 3 for \$1.40; postpaid.

### Almond, Double White

In habit of growth, in its wealth of flowers, and in blooming time, also in hardiness the same as the Pink variety above. The blossoms are also perfectly double, and are pure white. 2 to 3 ft. nice shrubs, 50c each; 3 for \$1.40; postpaid.

### Rose Acacia

Moss Acacia (Robina Hispida.) Grows to a height of 6 to 8 ft. with light green pinnate leaves. Blooms beautifully in June. The flowers come in long, graceful clusters of pea shaped blossoms of showy rose color. Moss Acacia is hardy as far north as the southern half of Nebraska and Iowa, also in the Eastern states. Nice 2 to 3 ft. shrubs, 65c each; 3 for \$1.75; postpaid.

### SHRUB PLANTING

Holes required for shrubs should be as large as those for fruit trees. Cut ends of roots smooth before planting. Use good top soil to fill in around the roots. Water heavily to settle the soil.

### Japanese Barberry

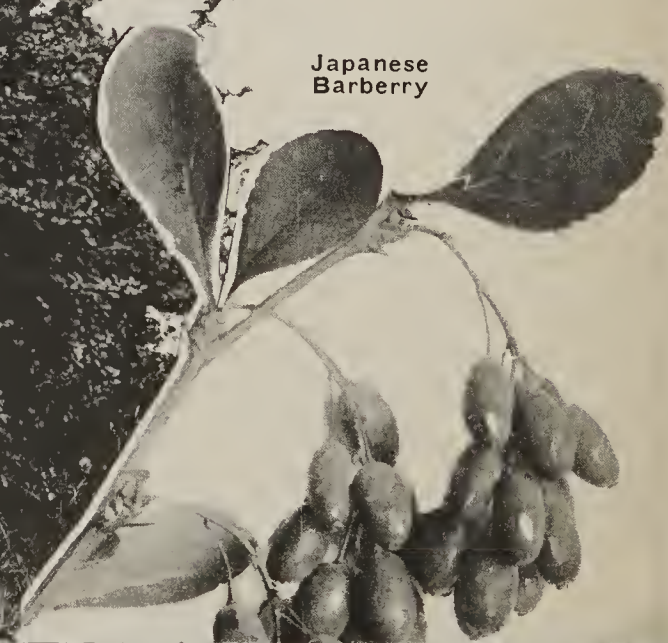
Berberis Thunbergi. (See photo of shrub and berries below.) This is the true Japanese Barberry which positively carries no wheat rust or any other disease for which the common Barberry is known. Grows to a height of 2 to 3 feet, densely branched, and with a clean, healthy foliage, shining dark green throughout the summer, changing to a high tone of scarlet-bronze in the fall. The berries are of a showy crimson color, and remain on the bush the greater part of the winter. Without shearing this shrub grows into a dense natural globe form; however, it stands shearing well, and can be sheared to forms, especially in hedges. (See hedges page 18.) For foundation planting, for groups, for neat lawn border hedges this hardy shrub is one of the very best you can get. Has small thorns along the branches. My plants are exceptionally well rooted, easy to start.

Prepaid:	1	3	10	25	100
12 to 18 inch, nice hedging size.....	\$ .40	.40	1.10	2.50	7.50
18-24 inch, nice shrubs.....	.22	.55	1.50	3.30	10.80
2-2½ ft., extra bushy.....	.55	1.50	4.50	...	...

### Red-Leaf Barberry

Berberis Thunbergi Atropurpurea. In habit of growth, also in its height of 2 to 3 ft. at full growth, the same as the Japanese Barberry. However, the leaves of this Barberry are of a bronzy-red color throughout the entire summer, coloring up to a fiery red in the fall. In a sunny or partly sunny location the color of this shrub is at its best. For color effect landscapers are using large numbers of these shrubs among Evergreen groups, and shrubs of green color. Can also be sheared to forms. My shrubs of this variety are all well rooted, not the cheap seedling grade.

Prepaid:	1	3	10
12-18 inch, nice shrubs.....	\$0.30	.85	2.60
18-24 inch, well branched.....	.58	1.60	5.00
2-2½ ft., fancy specimens....	.70	1.95	6.00



**Sonderegger**  
TREES AND SEEDS THAT GROW

Japanese Barberry



healthy  
hardy

FIELD-  
GROWN

Photo at right:  
Althea Banner.  
Altheas come in a  
wide range of  
color, blooming  
beautifully in the  
fall.

## ALTHEA ROSE OF SHARON

They are all of upright growth, reaching a height of 6 to 7 feet, with a rich foliage, and coming into full blooming by late summer and through fall. My varieties listed below include the finest colors available in Altheas. They are hardy in the Eastern states, here in the Middle West I give them a cover of leaves or straw over winter, and cut them down to 2 feet from the ground in the spring. With this care they come through the winter in fine shape, and make a good new bush form every summer, blooming well the same year.

**Althea Anemoneflora** Very large blossoms, semi-double, red with very deep red base. A pretty flower.

**Althea Ardens** Large double flowers of violet color, very fine.

**Althea Jeanne d'Arc** Flowers double, pure white. The only perfect White Althea there is.

**Althea Banner** A new Althea, double bluish white with a pretty crimson eye.

**Althea Lucy** This is the finest double red Althea, very showy.

### Price of All Altheas

12 to 18 inch nice plants, 22c each; 3 for 60c; 10 for \$1.60. 2-3 ft. nice shrubs, 40c each; 3 for \$1.10; 10 for \$3.50; postpaid.

**Artemesia Silver King** This is a hardy Perennial, growing to a dense bush form about 2 feet high, and can be sheared to square or round form. The silvery white foliage and twigs, and compact growth of the bush are of outstanding beauty in beds of flowers, or between shrubs of other colors. Can also be planted 12 inches apart in the row for a pretty silver hedge. Reaches full growth in one season, and is cut back to the ground every spring. Very hardy. 25c each; 3 for 9c; 10 for \$1.50; postpaid.

Photo at the  
right: A bush  
of Artemesia  
Silver King.  
Try this showy  
plant.

**Caragana SIBERIAN PEA TREE.** A shrub of upright growth, growing to a height of 8 to 10 feet, and generally used for background and screens along the lot or alley line. For this purpose plant them 12 to 18 inches apart in the row. It has a pretty feathery foliage, and blooms nicely in May, having yellow pea-shaped blossoms. For hedging size plants see page 19. Nice shrubs for quick results, 2-3 ft. size, 40c each; 3 for \$1.00; 10 for \$3.00. 3-4 ft. extra strong shrubs, 50c each; 3 for \$1.30; 10 for \$4.00; prepaid.

**Choke Cherry** Prunus Denissa. Makes a large bush, or can be grown in form of a Dwarf Tree; will eventually reach a height of 25 feet unless pruned to lower size. Blooms in early spring in dense racemes of white flowers, which are very showy. Fruit dark red or purple black; of good size, and sometimes used for canning. Perfectly hardy everywhere. 2-3 ft. nice shrubs, 35c each; 3 for 90c; postpaid.

**Desmodium** SWEET PEA SHRUB. A most magnificent shrub, covered with purplish pink flowers. Blooms abundantly from middle of September until frost. The height of the shrub is 3 to 4 feet, freezes down in the winter to the ground, and makes an entirely new bush every year. Strong roots, 50c each; 3 for \$1.35; postpaid.

## For Izaak Walton Club Members

Ornamental shrubs  
bearing berries for  
bird preservation:  
All Cornus  
Honeysuckles  
Elderberry (page 16)  
Waxberry  
Snowberry  
Barberry  
Sumac  
Choke Cherry  
Russian Olive  
Russian Mulberry

Order Early—We Ship at the Right Planting Time.



# FINER SHRUBS

BY

**Sonderegger**



## Weeping Forsythia

(Forsythia Suspensa.) 5 ft. tall. The flowers are much like those of Forsythia Fortuni as pictured above, and also appear in great abundance; however, the branches are gracefully arched, having a weeping effect. The brilliant yellow color of the flowers, coming at a time in early spring when few flowers are found outdoors creates much attention. Forsythias are easy to grow, and are hardy. 12 to 18 inch plants, 30c each; 3 for 80c; 10 for \$2.40. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; postpaid.

## Golden Elder

(Sambucus Canadensis Aurea.) Makes a large shrub 8 to 10 ft. tall, and branching out well to make a pyramidal shape. Fits in well with groups of large shrubs, or for background planting, where its pretty foliage of golden yellow color contrasts well with the green of other shrubs. Blooms in July in large flat white clusters of blossoms, followed later by clusters of black berries. The latter are an attraction for birds. A highly desirable shrub for its foliage, perfectly hardy everywhere. 12 to 18 inch nice plants, 30c each; 3 for 80c; 2-3 ft. well shaped shrubs, 50c each; 3 for 45c; postpaid.

## American Elder

Also called Elderberry. The green leaf native shrub. See page 16 for description and prices.

## BUTTERFLY BUSH

Note the pretty shape of this shrub, and the abundance of flowers.



## Forsythia Fortuni

Golden Bell. See picture above. Grows up to 7 ft. One of the finest flowering shrubs in early spring, the brilliant golden yellow flowers appearing before the leaves develop, and coming in greatest freedom. Very showy. The shrub is of upright growth, foliage rich dark green. Forsythias are hardy everywhere. 12 to 18 inch nice plants, 25c each; 3 for 65c; 10 for \$2.00; postpaid. 2-3 ft. good shrubs, 45c each; 3 for \$1.20; postpaid.

## Beauty Bush

(Kolkwizca Amabilis) At the request of many of my customers who have bought this shrub from me years ago I am listing it again. It is a mass of pink flowers in May and June when this shrub blooms. The branches are nicely arched, the flowers are 3/4-inch across, and the shrub is reasonably hardy, from here north it should have a mulch of straw or leaves over winter. Will grow to a height of 3 to 4 feet. 18-24 inch nice shrubs, 65c each; 3 for \$1.75; postpaid.

## Butterfly Bush

(Buddleia Magnifica) Makes an entirely new hush every year, and grows to a height of 4 to 5 ft. The flowers appearing through the greater part of the summer are of soft lilac color in long tapering spikes. Note photo on lower left which shows the graceful arching of the branches. My plants consist of nice strong roots, ready to grow and bloom. 40c each; 3 for \$1.00; postpaid.

## Ile de France—Butterfly Bush

An improved strain of the above variety, and a most sensational creation. Its extreme freedom of blooming, and the darker and perhaps showier lilac color of its blossoms is a shade rarely found in flowers. In bloom from August until frost in the fall. The root is entirely hardy, makes a new hush every spring. Nice strong roots, 45c each; 3 for \$1.20; postpaid.

## CORNUS—DOGWOOD

The following four varieties are the best of the ornamental varieties of this large family of shrubs.

## Cornus Aurea

8 to 10 ft. tall, leaves broadly margined yellow, branches out well, and the wood and twigs have a showy golden bark. Very showy in the winter, and perfectly hardy. 2 to 3 ft. nice shrubs, 60c each; 3 for \$1.60; postpaid.

## Cornus Florida

Grows to a height of 15 feet. This is the large, white flowering Dogwood which is hardy as far north as the southern part of Nebraska, and anywhere in the Eastern and Southern states. Excellent for its flowers, and for its red bark. 12 to 18 inch plants, 15c each; 3 for 40c. 2 to 3 ft. nice shrubs, 50c each; 3 for \$1.35; postpaid.

## Cornus Siberica

8 to 10 ft. tall; blooms in clusters of small white flowers in early summer. The bark and twigs are a shining red throughout the winter, and shows up well, especially in groups with other Cornus. 12-18 inch plants, 22c each; 3 for 60c. 2-3 ft. nice shrubs, 50c each; 3 for \$1.35; postpaid.

## Cornus Stolonifera

8 to 10 ft. tall. This is the true Red Osier, with the smooth slender branches which are red. Flowers and berries of this variety are white. 12-18 inch plants, 25c each; 3 for 65c. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; postpaid.

## WATERING FOR THE FIRST SUMMER

In case of very dry weather the first year I recommend occasional watering of shrubs. Take away some soil around each bush, forming a shallow basin, fill this up two or three times with water, and the following day replace the dry top soil. This will keep your shrubs in good moisture for two or three weeks.



# to beautify your Home

## Highbush Cranberry Viburnum Opulus

8 to 10 feet tall. A magnificent shrub of upright growth and spreading top. Note picture at upper right which reproduces only in part the beauty of this shrub with its well arranged foliage, and flat clusters of white flowers followed by scarlet berries (not edible) which attract the birds. It is a very hardy shrub. 12 to 18 inch plants, 35c; 3 for 90c. 2 to 3 ft. nice shrubs, 60c each; 3 for \$1.60; postpaid.

## Hydrangea, Everblooming

**American Snowball Hydrangea.** Reaches a height of 5 ft. and spreads out over 5 to 6 ft. in a pretty bush form. Flowers of dazzling white begin to appear in June, and under normal conditions this Hydrangea will bloom repeatedly during summer and early fall. In dry weather watering of Hydrangeas should never be neglected, and for the winter the best protection you can give Hydrangeas, in fact any shrub, is a heavy soaking of the ground before it freezes up. This Hydrangea does best in partial shade. It combines most effectively if Spirea Anthony Waterer (also an everbloomer) is used as a foreground, this Spirea being proportionately lower in growth and blooming red against the pure white of the Hydrangea. 12-18 inch plants, 32c each; 3 for 90c; 10 for \$2.80. 2-3 ft. very nice shrubs, 55c each; 3 for \$1.50; postpaid.

## Hydrangea Paniculata

**Grandiflora** See photo below of this Hydrangea as it grows normally. It reaches a height of 5 feet. The blossoms of this Hydrangea are of unusually large size; when they first appear in August they are of a pure white color; they last until middle to end of September, and as they remain on the bush they gradually turn to a pink and keep this color until frost in the fall. Partly shady places, and occasional watering to keep the ground from getting too dry are of great benefit to all Hydrangeas. In groups or as single specimens you will like Hydrangeas. 12 to 18 inch plants, 32c each; 3 for 90c; 10 for \$2.80. 2-3 ft. nice shrubs, 55c each; 3 for \$1.50; postpaid.

## Hardy Holly

Also called "Winterberry," of the Ilex plant family, and the only one of these pretty shrubs that is hardy in the Middle West and the East. The showy red berries are very attractive clear into the winter, as they cling to the branches. The shrub grows slow, eventually reaching a height of 8 to 10 feet, and shapely at all stages. 12 to 18 inch nice plants, 50c each; postpaid.

## Smoke Tree Fringe Tree

Purple. See photo lower right. Rhus Cotinus. 10 to 12 ft. tall. The blossoms of this shrub look like puffs of smoke, and they are built up of large loose panicles bearing very small purple flowers. The entire blossom becomes profusely plumose, attaining their attractive smoky appearance. Blooms through the entire summer. The shrub is entirely hardy, it is a good grower, branching out nicely to a pretty shape. Of particular value is the glossy green foliage, in itself very pretty, and bringing out extra well the exquisite effect of the flowers. 12 to 18 inch nice plants, 50c each; 3 for \$1.35; postpaid.

Above: Highbush Cranberry, and its blossoms. Below: Smoke Tree, and lower left Hydrangea Paniculata.



OTHELLO  
LILAC

# Sonderegger LILACS

## FRENCH LILACS (Budded)

All 18-24 inch nice well rooted shrubs, 60c each; 3 for \$1.65; postpaid.

**Charles X** Lavender with pink shading, exceptionally dense and compact racemes, beautifully shouldered.

## Madame Lemoine

Double pure white, the only double lilac of this color. Very pretty.

**Marie Le Gray** Single pure white. Due to its great freedom in blooming, and its healthy, lustrous foliage it is one of the prettiest of all lilacs. Flowers large, very showy. Should be in every planting.

**Marc Michael** One of the best of the double lilacs of showy lavender shading. Excellent cut flower. This is an abundant bloomer, and has a pretty foliage.

**Othello** Note the blossom at the left, showing the perfect shape of Othello which comes in a pretty purplish red shading.

**President Grevy** Of a lovely light blue color, and probably the nearest to blue of any lilac there is. The flowers as well as the panicles both are very large.

## Souvenir de L. Spaeth

Large blossoms in long tapering spikes. Purple red in color. Makes a very showy shrub. Note picture below.

## PERSIAN LILAC

*Syringa Rothomagensis*. Grows to a height of 10 to 12 feet, and blooms a few days ahead of the old fashioned lilacs. The flowers are of a nice shading from light blue to purple, and are very fragrant. Leaves slightly smaller than those of other lilacs. It is a grand flowering shrub, in special favor with landscapers for tall screens and hedges which are of outstanding beauty (see page 19). This lilac will not make root sprouts.

Postpaid:	1	3	10
12-18 inch	\$.30	.85	2.50
18-24 inch	.38	1.00	3.00
2-3 feet	.55	1.50	4.50

**Mixed Budded Lilacs** I have a limited supply of nice budded lilac shrubs, all very good varieties of which the labels were lost in the growing field. While they last I will furnish them at 40c each 3 for \$1.00; postpaid.

## LILAC COLLECTION

- 1 Othello Lilac
  - 1 Marie Le Gray
  - 1 Charles X
  - 1 Budded Lilac (mixed)
- All 4 nice 18-24 inch shrubs

for **\$1.80** postpaid

**Old Time Lilac** (*Syringa Vulgaris*) 10 to 12 ft. tall. The popular lilac with its large purple spikes, and glossy, shining green foliage throughout the summer. Often used for hedges and screens, for corner plantings or in groups on large lawns and in parks. Of easiest culture, and very hardy.

Postpaid:	1	3	10
12-18 inch	\$.20	.45	1.20
18-24 inch	.25	.65	1.80
2-3 feet	.35	.90	2.80

## Old Fashioned White Lilac

A very freely blooming variety, flowers large and pure white, not as popular as the above sort, but just as hardy, and should be planted more. Include some of the White Lilacs in your planting if you start a group or hedge. They bloom nice, and are also very fragrant. Prices and sizes same as above variety.

SOUVENIR DE L. SPAETH

OLD TIME LILAC



# Hardy FLOWERING SHRUBS

## BUSH HONEYSUCKLES (Lonicera)

### Grandiflora Rosea Honey-suckle

10 to 12 feet tall. One of the finest and most popular of the tall growers. It is of upright growth, branches somewhat spreading, with bright green foliage. Blossoms bright pink, appearing in great profusion—May and June, later followed by showy red berries. Extremely hardy and of easiest culture. 12 to 18 inch plants, 28c each; 3 for 75c; 10 for \$2.20. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; postpaid.

### Pink Tartarian Honeysuckle

8 to 10 ft. tall. Grows upright to a dense bush form that can be sheared to form if desired. A good bloomer, and hardy everywhere. The blossoms are of a showy clear pink color in May and June. 12 to 18 inch plants, 25c each; 3 for 65c; 10 for \$1.80; postpaid. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; postpaid.

### Red Tartarian Honeysuckle

8 to 10 ft. tall, develops to the same perfect bush form that is characteristic with Bush Honeysuckles, but Red Tartarian produces the darkest red in its blossoms of all Honeysuckles. 2-3 ft. nice shrubs, 50c each; 3 for \$1.35; postpaid.

### Morrowi Honeysuckle

4 to 6 ft. tall, the Japanese variety of lower and more spreading bush form. Pure white flowers in May and June, rich crimson berries later in the summer, a pretty, healthy foliage are the reasons why landscapers use the Morrowi Honeysuckle freely. It is very hardy, and same as all Honey-suckles—easy to grow. 12 to 18 inch plants, 25c each; 10 for \$2.10. 2-3 ft. nice shrubs, 50c each; 3 for \$1.35; postpaid.

## CLIMBING HONEYSUCKLES

SEE PAGE 31

## MOCK ORANGE

### Philadelphus

### Dianthaflora Mock Orange

Of medium size, pretty spreading bush form, and blooming profusely in May. Blossoms medium to large in size, of milk-white color and highly fragrant. For informal hedges to be grown without shearing, this shrub is very good, also for a good hardy flowering shrub anywhere, as it is perfectly hardy, and drought resistant. 12-18 inch plants, 25c each; 3 for 60c; 10 for \$1.80. 18-24 inch shrubs, 35c each; 3 for 90c. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; postpaid.

### Mock Orange Lemoine

4 to 5 ft. tall, flowers of medium size and often semi-double, white and very fragrant. Perfectly hardy and always sure to bloom (May and June). 18-24 inch shrubs, 35c each; 3 for 90c. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; postpaid.

### Mock Orange Virginalis

Note picture at the right. Grows 4 to 5 ft. tall, and blooms double and semi-double. In most years this Mock Orange blooms at least twice, and often three times. First in May, and again along in August to late September. Fragrant, a very valuable shrub. 18-24 inch nice shrubs, 50c each; 3 for \$1.35; postpaid.

## Japanese Quince FIREBUSH.

*Cydonia*. Grows 4 to 5 ft. tall. Very early in the spring before the leaves are fully developed the large fiery red blossoms all along the stems and branches are a sight of rare beauty. Note photo of a blooming branch at upper right. This shrub stands shearing, and can be used to good advantage for most kinds of hedging and border work. Very hardy, and easy to grow. Bears small fruits of the quince type in late fall.

Prepaid:

	1	3	10
12-18 inch plants.....	\$0.20	.50	1.40
18-24 inch shrubs.....	.30	.75	2.20
2-3 feet, nice shrubs.....	.45	1.20	3.50

## Fern-Leaf Sumac—Staghorn

*Rhus Typhina*. An elegant shrub with a most beautiful foliage, growing to a height of 8 feet. The fern-like leaves are attractively arranged on long branches, light green in color turning to a most showy pinkish red in the fall. This sumac is perfectly hardy in the Middle West, most anywhere in the North and East. It is indeed one of the very finest foliage shrubs that grows. Of easiest culture, and requires very little care. 12 to 18 inch plants, 28c each; 3 for 75c; 10 for \$2.20. 2-3 ft. nice shrubs, well rooted, usually a single stem that develops a fine branch-work in one season, 50c each; 3 for \$1.35; postpaid.

## PRUNING OF FLOWERING SHRUBS

When old bushes are to be cut down to make a new, young growth, this kind of pruning is done in very early spring before the shrubs get green. All other pruning, to keep shrubs in certain shapes, and which is applied to the branches only, should always take place during the growing season and very shortly after such shrubs have bloomed. After pruning (during dry periods) give the pruned shrubs a good soaking of water.

Picture below:  
Mock Orange  
Virginalis



JAPANESE  
QUINCE



All Shrubs  
Postpaid

# Hardy SHRUBS FOR YOUR HOME



SPIREA BILLARDI

## Spirea Billardi,

**Pink** See picture at the left. Grows 5 ft. tall, a very nice and perfectly hardy shrub. It came through the drought in excellent shape. Blooms in August when flowers are rather scarce, every branch bearing a nice fluffy spike. For foundation planting, or for informal hedge you will find this shrub very valuable with its clean, healthy foliage, and abundance of flowers.

Postpaid:	1	3	10
12-18 inch	\$0.15	.40	1.20
18-24 inch	.25	.60	1.80
2-3 feet	.35	.90	2.80

## White Billardi Spirea

In habit of growth, hardiness, and pretty shape of flowers the same as the pink variety, except that the flowers are a showy white. Price same as for Pink Billardi Spirea.

## TAMARIX

**Odessa Tamarix** 12 to 15 ft. tall; can also be grown in tree form to a height of 25 feet. Very hardy. Bluish green with blossoms of delicate pink in June, and sometimes again in September. Can be kept in any height by pruning in the summer. 18-24 inch shrubs, 32c each; 3 for 85c; 10 for \$2.50. 2-3 ft. nice shrubs, 45c each; 3 for \$1.20; 10 for \$3.70; postpaid.

**Tamarix Hispida** Grows 15 feet tall, or can be kept lower by summer pruning. Blooms in July and usually again in September. Flowers carmine rose, very hardy, and an excellent bloomer. 12-18 inch plants, 25c each; 3 for 65c; 10 for \$2.00. 18-24 inch shrubs, 40c each; 3 for \$1.00. 2-3 ft. extra nice shrubs, 50c each; 3 for \$1.35; postpaid.

## Spirea Anthony Waterer

Grows up to a height of only 3 feet, upright in growth, and very pretty, especially in a foreground planting to taller shrubs. Almost throughout the entire summer this Spirea produces its showy crimson flower heads in flat umbels. It is practically everblooming. Hardy most anywhere; in the extreme North a mulch of leaves or straw would be advisable. Best in shade or partial sun. 12 to 15 inch plants, 25c each; 3 for 60c; 10 for \$1.80. 18-24 inch nice shrubs, 45c each; 3 for \$1.20; 10 for \$3.60; postpaid.

## Spirea Arguta Multiflora

**Snow Garland.** A graceful shrub 4 to 5 feet tall, with branches a snowy mass of clear white flowers beginning with April and lasting well into May. It is one of the earliest of all Spireas to bloom. Hardy anywhere, and a pretty shrub. 12-18 inch plants, 18c each; 10 for \$1.50. 2-3 ft. nice shrubs, 35c each; 3 for 90c; 10 for \$2.60; postpaid.

**Spirea Calossa Froebel** 4 feet high, Excepting for its taller growth, and its broader leaves it is much like the well known Spirea Anthony Waterer, having flat umbels of crimson flowers in July and August. The foliage is tipped slightly red. It is a hardy shrub, and is easy to grow. 12 to 18 inch plants, 28c each; 3 for 70c. 18-24 inch nice shrubs, 38c each; 3 for \$1.00; postpaid.

**Spirea Salicifolia** The willow-leaved Spirea; 5 ft. tall. A very pretty shrub that should be planted more generally. Its willow-like foliage in itself is very attractive, and in July when the pink flowers appear in well arranged panicles it is one of the prettiest flowers at that time. 12-18 inch plants, 20c each; 3 for 45c. 2-3 ft. nice shrubs, 35c each; 3 for 90c; postpaid.



TAMARIX HISPIDA

OLD FASHIONED SNOWBALL





PHOTO  
ABOVE:  
WEIGELA  
ROSEA

### Spirea Thunbergi JAPANESE SPIREA.

3-4 ft. tall, stands shearing well, and can be grown to a beautiful flowering hedge. (See page 18.) Its dense growth, the pretty shade of light green of its foliage, and at blooming time in early summer its profusion of neat white blossoms will be appreciated in your garden. Hardy as far north as the middle of Nebraska, anywhere in the Great Lakes region, and from there east. 12 to 18 inch plants, 20c each; 3 for 50c; 10 for \$1.50. 2-3 ft. nice shrubs, 38c each; 3 for \$1.00; 10 for \$3.00; postpaid.

### Spirea Van Houtti "BRIDAL WREATH."

Grows up to a height of 6 ft. No other shrub is so popular as the Spirea Van Houtti, and justly so. It is a most dependable shrub in its hardiness, drought resistance, and splendid blooming. It has no insect enemies, always keeps a healthy dark green foliage which alone would make it a valuable shrub for hedging and foundation planting. May and June is the blooming time for this Spirea. Like huge snowdrifts, the branches of the entire shrub, arching as if under the weight of the blossoms with which they are completely covered—Spirea Van Houtti at blooming time. Of easiest culture, can be sheared to hedges; this should be done right after blooming.

Postpaid:	1	3	10
12-18 inch plants .....	\$0.18	.45	1.20
18-24 inch shrubs .....	.22	.60	1.60
2-3 ft. nice shrubs.....	.30	.85	2.50

### Pink Fragrant Snowball

Viburnum Carlesi. Makes a well shaped hush, not quite as tall as the Common Snowballs; however, it branches out nicely. Foliage is gray-green in color. When the buds first appear they are a showy rosy pink color, standing in small clusters. As they open they reveal a color of cream with a pink shading, turning to a creamy white towards the end of the blooming season. It is pleasantly scented, resembling the fragrance of the Gardenia. Should have a partly shaded place, and plenty of water in dry weather. 15-18 inch nice plants, 75c each; postpaid.

### Old Fashioned Snowball

(Note photo at the left, page 38.) (Viburnum Opulus Sterile.) One of the large type shrubs, growing to a height of 10 to 12 feet. This is the old time garden favorite. In order to appreciate the beauty of this Snowball one must see it somewhere in the corner of an old garden, where it can give testimony of its hardiness, its long life, pretty shape, and its wealth of flowers. Blooms in May. I recommend a partly shaded place, the east or north side of a house or wall, and plenty of moisture during the summer. It is an upright grower, spreading to a large square form, a clean, healthy shrub. 12 to 18 inch nice plants, 35c each; 3 for 95c; 10 for \$2.90. 2-3 ft. good shrubs, 55c each; 3 for \$1.50; postpaid.

### Weigela Rosea Note

photo to the right. 5 ft. tall, blooms profusely in June and again later in the summer. Flowers are of a beautiful rose color, sometimes shading to almost white, arranged on the twigs in pretty spray-style. 12-18 inch plants, 25c each; 3 for 65c; 10 for \$2.00. 2-3 ft. nice shrubs, 40c each; 3 for \$1.10; postpaid.

### Weigela Eva Rathke 3 to 4 ft. tall,

blooms during the greater part of the summer, and just like the Weigela Rosea it produces its blossoms in beautiful sprays. The individual flowers are of a brilliant crimson color, a beautiful shade. Does well in the shade. 12 to 18 inch nice plants, 35c each; 3 for 90c. 2-3 ft. fine shrubs, 50c each; 3 for \$1.35; postpaid.

### Red Waxberry (Symphoricarpus

Vulgaris.) 3 to 5 ft. tall. This shrub is a native of Nebraska, and often called "Indian Berry." It brings forth large numbers of showy red berries which cling to the branches practically all through the winter. An attraction for birds. I recommend this shrub especially on account of its healthy growth, extreme hardiness and drought resisting qualities. 12-18 inch plants, 15c each; 10 for \$1.30. 18-24 inch shrubs, 28c each; 3 for 75c; 10 for \$2.30. 2 to 3 ft. nice shrubs, 35c each; 3 for 95c; 10 for \$2.80; postpaid.

Picture below:  
Spirea Van Houtti  
"Bridal Wreath"





# PEONIES

*finest double,  
giant size roots*

All varieties (unless quoted otherwise): 30c each; 3 for 75c; 10 for \$2.20; postpaid

**Mixed Red** All guaranteed double, strictly No. 1 roots. 25c each; 3 for 65c; 10 for \$1.80; postpaid.

## Mixed Pink

All double flowering, strong roots. 25c each; 3 for 65c; 10 for \$1.80; postpaid.

**Mixed White** Finest double, all nice roots. 25c each; 3 for 65c; 10 for \$1.80; postpaid.

**All Colors Mixed** Strictly double varieties, and good large roots. 3 for 50c; 10 for \$1.50; postpaid.

My Peonies are all top size, 3 to 5 eyes each. Plant them deep enough to cover the eyes 1 inch.

**Count de Montenil** Dark rose, midseason, medium size flowers, double to the center with fringed petals.

**Couronne d'Or** White with pretty shading of gold, as near yellow as can be had, perfectly double.

**Edulis Superba** Mauve-pink with silvery reflex, extra fine cut flower, best midseason, and sure bloomer. Very double. See picture upper left.

**Felix Crousse** Brilliant ruby-red, midseason, blooms very freely, exceptionally well shaped.

**Festiva Maxima** White with center petals tipped red. Midseason, very large and double. Bush very vigorous.

**Karl Rosenfield** Rich crimson, splendid shape and very double.

**Louis Van Houtti** Very showy cherry-red, very double midseason peony. Blooms very freely.

## ROSE TYPE, NEW PEONIES

**Therese** Rich satiny pink with glossy reflex, of enormous size, full rose type. Midseason. 75c per root; postpaid.

**Grover Cleveland** Very dark crimson, exceptionally large, rose type blossoms. Late midseason. 50c each; 3 for \$1.35; postpaid.

## HARDY PHLOX

All Phlox: 25c each; 3 for 50c; 10 for \$1.50; postpaid.

### Richard Wallace

See photo at left. Pure white with violet-rose center, very pretty, fine bedding phlox of medium height.

### R. P.

### Struthers

Beautiful rosy carmine shaded orange scarlet.

**Brilliant** Very large flower heads, fiery scarlet with darker eye. A beautiful new phlox.

**Beacon** Well shaped, beautiful cherry red color.

**Special French** Mammoth trusses of shimmering pure pink flowers. Very good.

**Rheinlander** Salmon pink, with claret red eye in very large flower trusses.

**Eclairer** Brilliant rosy-magenta, a great bloomer, grows 2½ feet tall.

**Miss Lingard** Pearly white, with delicate pink eye, blooms extra freely, and over a long period.

**Creeping Phlox** Pink Sublata. 8 inches tall, with mossy foliage and lavender pink blossoms. Good for border and rock garden.

A Phlox border or bed puts color in your garden, they bloom over a long period in summer and fall. Plant them just a little deeper than grown before, water at planting time, and occasionally during dry weather. Phlox are easy to grow.



# Hardy GARDEN LILIES

New Wonder  
Lily

**Auratum** Gold Banded Lily of Japan. A beautiful lily, white with crimson dots, and a band of gold through the center of each petal. Grows to a height of 3 to 5 feet, and blooms in August. Plant 8 inches deep. Best blooming size bulbs, 30c each; 3 for 75c; postpaid.

**Speciosum Rubrum Lily** A highly attractive flower with recurved flower petals, white and spotted rosy-red blooming well in August and September. No. 1 bulbs, 35c each; 3 for 85c; postpaid.

**Longiflorum Gigantea Lily** A most beautiful lily with large trumpets. Blooms in June and July. This lily can also be grown indoors; most florists plant them in pots late in the fall, for spring blooming (Easter Lily). The plant, however, is perfectly hardy outdoors; plant bulb 8 inches deep. Nice bulbs, 40c each; 3 for 95c; postpaid.

**Double Tiger Lily** Blooms in August. An extra hardy garden lily with large blossoms of orange color and black dots. Plant bulbs 5 to 6 inches deep. Nice blooming size bulbs, 25c each; 3 for 65c; 10 for \$1.90; postpaid.

**Red Russian Lily** Blooms in July. A nice hardy lily of upright growth. Plant this bulb 4 to 5 inches deep. 25c each; 3 for 60c; postpaid.

**Siberian Red Coral Lily** Blooms in June, grows about 20 inches high, with a large spike of its excellent showy red flowers which open in rotation holding the plant in bloom for some time. Plant bulb 4 inches deep. 20c each; 3 for 50c; 10 for \$1.50; postpaid.

## LILY COLLECTION

- 3 Regal Lilies
- 3 Red Coral Lilies
- 3 Red Russian Lilies
- 1 Longiflorum Gigantea
- 10 Nice Bulbs for

**\$1.65** POST-PAID.

## New Wonder Lily

The shape of the flower is much like that of the Easter Lily. It is fragrant, blooms in August and September. Plant 4 to 5 inches deep. 25c each; 3 for 65c; 10 for \$1.90; postpaid.

**The Lily of the Valley** A lovely spring flower, very fragrant, always sure to bloom. Forms a dense mat of plants within a few years; prefers a shady place. Nice plants, 6 for 30c; 12 for 50c; 25 for 85c; postpaid.

**Plaintain Lily** Funkia Sub-Cordata. 1½ ft. tall with broad shiny leaves, and pretty waxy-white clusters of flowers which are fragrant. Does best in the shade. Nice plants, 35c each; 3 for 90c; postpaid.

**Funkia Lancifolia** Forming a dense growth of leaf blades 6 inches high, with a flower spike of 18 inches in August of pale lilac blossoms in loose racemes. Very hardy. Nice plants, 18c each; 3 for 45c; 10 for \$1.35; postpaid.

## Double Brown Day

**Lily** Hemerocallis Fulva. 2 ft. tall, very hardy, blooms well in June and July in a dark yellow to brown shade. Makes a dense mat of plants. 15c each; 3 for 25c; 10 for 70c; postpaid.

## Hemerocallis Thunbergi

2-3 ft. tall, blooming well in July and August, nice yellow flowers. Hardy anywhere, culture same as Iris. 15c each; 3 for 25c; 10 for 70c; postpaid.

**Regal, the Royal Lily** Blooming in July and August in very large, beautiful waxy-white trumpets with highly attractive golden markings in the throat. In my opinion it is the queen of all hardy lilies, a sure bloomer. It should be in every garden. At the price I am making for a perfect large blooming size you can afford to put out an entire bed that will give you beautiful bouquets for many years to come. Select a partly shaded place, plant 7 to 8 inches deep. 15c each; 3 for 40c; 6 for 70c; 12 for \$1.25; postpaid.

Regal Lily  
Blossoms  
and in  
the bed.



## Better DAHLIAS

Registered Bulbs, labeled and wrapped, guaranteed true to name  
25c each; 3 for 60c; 10 for \$1.75  
By Mail, Prepaid.

### DECORATIVE DAHLIAS

Double flowers, full to the center, shaped as shown in reduced photo above. Very showy in the bed or as cut flowers.

#### RED

##### OREGON BEAUTY

Brilliant red, very beautiful.

##### PRIDE OF CALIFORNIA

Huge crimson-red flowers on long stems.

##### THOMAS A. EDISON

Royal purple, one of the finest dahlias known.

##### ELIZABETH CLOCOMBE

Red purple, a grand fall flower.

##### PURPLE MANITOU

True purple, very showy.

#### PINK

##### QUEEN MARY

A very pretty rose-pink dahlia.

##### MONMOUTH CHAMPION

Large flower, of orange flame shading.

##### JERSEY'S BEAUTY

Very fine true pink, one of the best.

##### BASHFUL GIANT

Apricot-gold with beautiful pink shading. Very good.

#### YELLOW

##### JANE COWL

Glistening bronze-huff and salmon shade; very pretty.

##### YELLOW COLOSSE

Beautiful deep golden yellow.

##### THE COMMODORE

Large canary yellow; a beauty.

#### WHITE

##### SNOWDRIFT

Large, pure white.

#### LAVENDER

##### EDWARD T. BEDFORD

Great purple, tinged silver, large and well shaped.

##### MRS. I. DE VER WARNER

A most beautiful shade of orchid-lavender, large flower.

### SHOW DAHLIAS

Globular or ball shaped, full to the center, petals quilled. Note picture lower right hand corner.

#### RED

##### D. M. MOORE

Very dark red, nearly black, good stiff stems, one of the finest dahlias.

##### AMERICAN BEAUTY

Showy red, just like the rose of the same name. Very pretty.

#### PINK

##### A. D. LIVONI

One of the most popular pink dahlias, well liked everywhere, showy, good cut flower.

#### YELLOW

##### GRAND DUCHESS MARIE

A very rare shading of brown-orange; beautiful.

##### YELLOW DUKE

Beautiful clear yellow; very good.

#### WHITE

##### DEE-LIGHTED OR ROOSEVELT'S SMILE

Pure white; very nice.

#### LAVENDER-BLUE

##### BONNIE BLUE

There is no true blue Dahlia in existence. Bonnie Blue, however, with its decidedly bluish cast comes as near to being a blue dahlia as any I know of.

### CACTUS DAHLIAS

Double flowers. Beautifully shaped, excellent bedding and cut flowers.

#### RED

##### KALIF

Extra good scarlet, very showy.

##### RED CROSS

Scarlet and gold, a most beautiful dahlia.

##### TOM LUNDY

Very dark crimson, a scarce variety.

#### PINK

##### RHEINISCHER FROHSINN

Pretty carmen-rose and white.

##### CALIFORNIA

##### ENCHANTRESS

A nice rosy-pink cactus dahlia.

#### YELLOW

##### MELODY

Yellow, often tipped white.

##### GOLDEN WEST

Yellow overlaid orange.

#### WHITE

##### BRIDE'S BOUQUET

Pure white, blooms freely. Very good.

#### PURPLE

##### LIBELLE

Royal purple. The finest Cactus Dahlia in this color.

### ART or PEONY FLOWERED DAHLIAS

Open center, semi-double flowered, rather scarce.

#### RED

##### DIANA

Scarlet; this is the true Marean Diana; very pretty.

#### PINK

##### ROSALIA STYLES

Immense flowers, bright pink, tipped lighter pink.

#### YELLOW

##### CLEOPATRA

Most beautiful dull gold.

#### WHITE

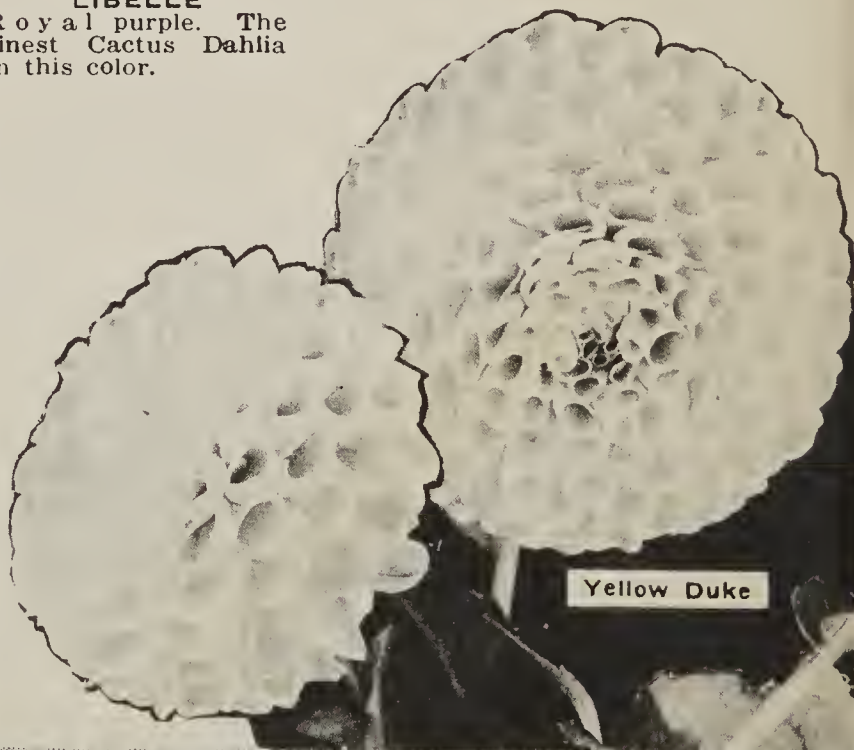
##### POLAR STAR

Pure white, a pretty flower for bedding and bouquets.

#### LILAC-PINK

##### MADAME VAN BYSTEIN

Lilac-pink. Known for years as the only Dahlia of this type and color.



Yellow Duke

Planting and full instructions on growing Dahlias with every shipment.



# IRIS

## Sure to bloom



**PRICE OF  
ALL IRIS:**  
12c Each  
3 for 30c  
10 for 80c  
25 for \$1.50  
Postpaid.  
Guaranteed  
True to  
Name.

### WHITE IRIS

**Florentina Alba** Always sure to bloom, should be in every planting, slightly fragrant.  
**White Intermediate** Pure white, large flowers, about 10 days ahead of other Iris. Of the intermediate type, low, bushy, fine for border.  
**Snow Queen Siberian Iris** Small to medium size flowers, pure white, stems about 12 inches high, leaves narrow.

### YELLOW IRIS

**Honorabilis** Of neat, compact growth, blooms very freely, medium size, well shaped blossoms. Standards showy yellow, with falls almost brown.

### LAVENDER and VIOLET IRIS

**Amos Hybrid** About 30 inches tall, very large flowers with standards of violet, and falls of rich purple color.  
**Dalmatica Pallida** Tall, very large, an old sort. Standards lavender, falls deep lavender, blooms late.  
**Monsignore** Standards rich satiny violet, purple crimson falls, and lighter shades at the edges. Blooms late.  
**Lavender** Very large flower of pure lavender shading.

### PINK and RED IRIS

**Large Pink** Tall grower, well shaped flowers, delicate light pink standards, wine-red falls, blooms very freely.  
**Red Intermediate** There is no true red Iris. Red Intermediate with warm pink to wine color shading comes as near to being a red Iris as can be had. Of low growth, fine for border, blooms early.

**Elephant Ear** *Caladium Esculentum*. Grows from a bulb in one season to full size. Leaves large, of tropical appearance, on stiff stems. It is one of the prettiest foliage plants and is of easiest culture. For borders to Canna beds, near a pool Caladiums are always much admired for their luxuriance. Leaves bright showy green. The bulbs are taken up in the fall, and stored like Gladiolas in a frost proof dry cellar. You will like this plant, and I urge you to give it a trial. Nice strong bulbs, 25c each; 3 for 60c; 10 for \$1.60; postpaid.

### BLUE and PURPLE IRIS

**Sonderegger's Blue Iris** Medium height, very large blossoms of orchid shades, standards delicate lavender, and rich violet falls.

**Blue Bird** Standards of delicate blue, falls of dark violet, medium height, blooms freely.

**Blue Intermediate** Dark blue. Of the intermediate type which is a short stem, and early bloomer, forming compact bushes.

**Perfection** Standards light blue, falls dark velvety violet-black with orange beard, blooms extra freely.

**Plicata** Dark purple with lilac falls, short to medium in height, blooms early.

**Satch** Large blossoms on tall strong stems, standards a fine lavender shade with very dark blue falls. A fine Iris.

**Siberian Blue** Pretty small flowers, deep blue, comes very early, excellent for the border.

**California** Of medium height, with very dark reddish purple blossoms.

### TWO-TONE IRIS

**Frederick** Very pretty pale lavender with light blue falls, very good.

**Madame Chereau** A white Iris with blue fringe on standards and falls. A tall grower, always a fine bloomer.

**Nibelungen** Standards old gold, falls dark wine-red. Very fine, a tall grower.

**Rhein Nixe** Ivory-white standards, falls lovely mauve with white edge. Blooms late, very showy.

**Madame Louise Victoria** A wonderful new Iris of medium height, that blooms very freely. Light lemon standards with pretty purple veins. Falls a dark purple with gold edge. Midseason. One of the prettiest of all Iris.

### MIXED IRIS

Many varieties, all fine plants, all colors and shades, not labeled. 12 for 60c; 25 for \$1.10; postpaid.

**Mexican Tube-rose** (Note photo above.) One of the finest and most fragrant flowers we can grow. Standards heat and drought well, requires little care, except that the bulbs are taken up in the fall. Plant 4 inches deep. Always sure to bloom. Grows 16 inches tall, blooms in September. 3 for 25c; 6 for 40c; 12 for 75c; postpaid.



Photo at right: A Caladium Border.

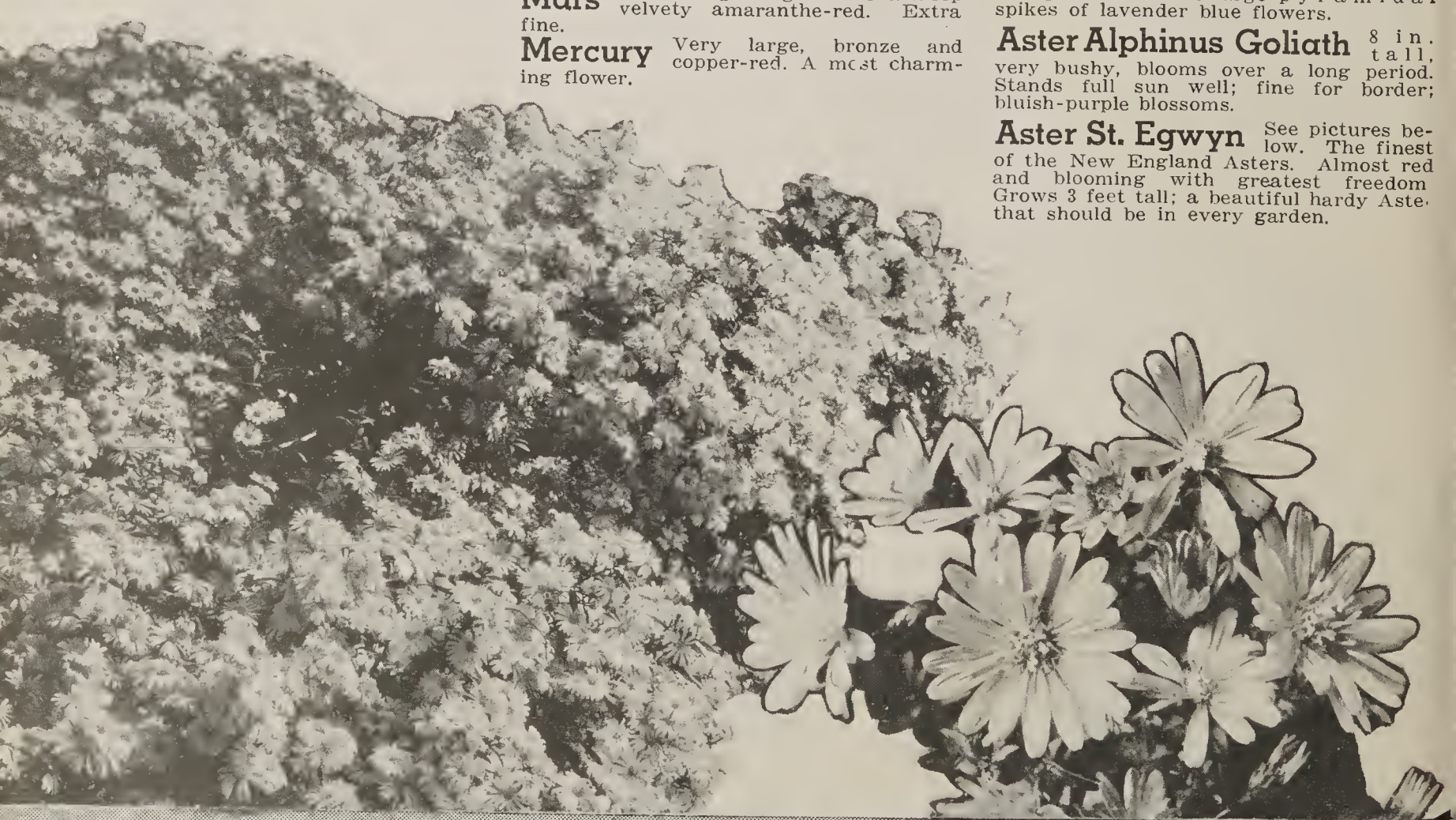
Plant Iris Shallow—They Are Easy to Grow.



# PERENNIALS



Three beautiful Chrysanthemums. Top: Snowdrop; right: Normandy Yellow; lower left: Aladdin.  
Below: St. Egwyn Hardy Aster, Bush and Flower.



## FANCY, HARDY CHRYSANTHEMUMS

**Normandy Yellow** See picture. Very compact bush form, blooms extra freely.  
**Snow Drop** See picture on upper left corner. Pure white, very good.  
**Pink Cushion** Blooms beginning early September; compact, neat bush form; wonderful bloomer.

## 5 NEW CHRYSANTHEMUMS

35c each; 3 for 85c; 10 for \$2.50.  
**Aladdin** Blooms early, and over a long period; beautiful bronze-gold; very double.  
**Apollo** Single, large flowers, bronze, red and gold.  
**Diana** Rare combination of rose-pink, lilac rose and soft salmon. Very pretty.  
**Mars** Extra large single flowers. Deep velvety amaranth-red. Extra fine.  
**Mercury** Very large, bronze and copper-red. A most charming flower.

## All Varieties

(Unless quoted otherwise)

25c each; 3 for 50c;  
10 for \$1.50; postpaid.

## Asclepia, Butterfly Flower

2 ft. tall, blooms in June and July, in compact, brilliant, orange colored flower heads. A wild flower of the prairie, and very hardy.

**Alyssum Argenteum** Blooms all summer, in clusters of pretty yellow flowers. Dense growth, leaves silvery underneath; 15 inches tall.

## Anchusa Myositidiflora

18 inches tall. Flowers closely resemble those of the well known Forget-Me-Not. And equally attractive are the nice large leaves; a pretty plant for rock garden and border.

**Anchusa Italica** 4 ft. tall, for backgrounds. Blooms almost all summer in panicles of sky-blue flowers. Cut the faded blossoms.

**Artemesia Silver King** 2 ft. tall, silvery white foliage, very attractive in flower beds, or for hedges. Can be sheared to forms.

**Artemesia Pontica** 8 inches tall. Silvery gray, finely cut foliage. One of the finest plants for ground cover and border. Holds the soil well on steep banks. 3 for 35c; 10 for 75c; 25 for \$1.50; postpaid.

## HARDY ASTERS

**Aster Frikarti** A new Aster, extra large, often 2½ inches across; petals beautifully arranged; lilac pink with golden center. Very good. 35c each; 3 for 90c; postpaid.

**Aster Climax Blue** 4 ft. tall, very free blooming. One of the showiest for tall background. Bears large pyramidal spikes of lavender blue flowers.

**Aster Alpinus Goliath** 8 in. tall, very bushy, blooms over a long period. Stands full sun well; fine for border; bluish-purple blossoms.

**Aster St. Egwyn** See pictures below. The finest of the New England Asters. Almost red and blooming with greatest freedom. Grows 3 feet tall; a beautiful hardy Aster that should be in every garden.



# Hardy GARDEN FLOWERS

**Achillea the Pearl** See the picture to the right. 12-18 inches tall, with pure white flowers from July until frost. Excellent for border planting and for the cemetery as it is perfectly hardy summer and winter.

**Achillea Tomentosa** 8 inches tall, a rock plant of creeping habit. Use them in borders and rock gardens. Its pretty yellow flowers appear in great profusion from June until August.

**Baby's Breath** Gypsophila. 2½ ft. tall. Blooms white in early summer and again in the fall, coming in charming sprays of miniature flowers. Excellent for bouquets.

**Bleeding Heart** Dicentra. 18 inches tall. The beautiful old fashioned type that blooms red in the spring. Very good. Nice roots. 45c each; 3 for \$1.20; postpaid.

**Columbine Chrysantha** The golden Columbine. A flower of outstanding beauty, one of the finest bedding and cut flowers of the spring.

**Columbine Coerulea** The true Rocky Mountain Columbine. 18 inches tall, with beautiful pale blue sepals, and white petals in bloom from May to July.

**Canterbury Bell** 2 ft. tall. Comes in blue, pink and white, mixed. Always showy and attractive in the flower garden. Blooms in June.

**Campanula Glomerata** Produces large heads of light blue flowers. This is the hardy Canterbury Bell, a native plant. 35c each; 3 for 80c; postpaid.

**Coreopsis** 2 ft. tall. Blooms from June until fall. Showy golden yellow, very nice in the garden and as cut flowers. Blossoms are of the daisy shape.

## DELPHINIUM

**Belladonna Hybrids** Note picture. Of medium height, blooming most continually from June until late fall. Flowers range in color from a delicate blue to a quite dark blue.

**Chinese Blue** One of the best blue Delphiniums, blooms very freely over a long period, and is perfectly hardy.

**Improved Bellamosa** A beautiful flower, deep blue, blooming freely. For bedding or background, and for cut flowers include Delphiniums in your planting.

## ORNAMENTAL GRASSES

**Hardy Pampas Grass** 10 ft. tall. The tallest variety there is, with pretty plumes.

**Eulalia Gracillima** 5 ft. tall, with pretty plumes, narrow dark green leaves.

**Ribbon Grass, Phalaris** 2 feet tall. Easy to grow; leaves neatly striped yellow and green; very showy in the flower bed, rock garden. See picture lower left.



RIBBON GRASS PHALARIS



HARDY PAMPAS GRASS

Above picture shows a spike of Belladonna Delphinium. Picture on top: Achillea the Pearl.

Prices on All Plants on this page (unless quoted otherwise); 25c each; 3 for 50c; 10 for \$1.50; postpaid.



# Hardy PERENNIALS



Above:  
Oriental Poppy  
Below:  
Mallow Marvel



## Oriental Poppies

2 ft. tall, a long lived, hardy plant, always dependable to be in bloom by Memorial Day. For best results plants should be young for starting. My plants are well rooted, sure to start.

**Dictamnus Pink** The new variety with the same shining green foliage of the old fashioned Dictamnus (Gas Plant) and also lasting for many years. However, the flowers are of an attractive pink color. 35c each; 3 for 80c; postpaid.

**Dianthus Deltoides, Maiden Pink** A most charming creeping sort of the Grass Pinks. Blooms beautifully in June and July. Extra fine in the rock garden.

## Digitalis—Foxglove

3 ft. tall. Always sure to bloom the first year; very showy in the garden or as cut flower. Blooming time, June-July; colors: lilac white and pink mixed.

## Mallow Marvel

Hibiscus Mechani. Grows 4 to 5 ft. tall, forming a pretty bush with large light green leaves. Beginning in mid-summer the bush puts forth a wealth of flowers which are extremely large and come in colors of white, pink and red, your choice. As the blossoms fade new flowers open almost daily, so as to keep up a steady display of blossoms over a period of several weeks. Excellent for background or group planting. Makes a new bush every year.

**Blue Flax** *Linum Narbonense*. 16 to 18 inches tall, branches in beautiful arches from the ground up with a delicate foliage of bluish green color, very ornamental. The pretty, neat sky-blue blossoms appear in June and July. A very fine plant.

## HARDY FERNS

Price of all 3 Hardy Ferns: 30c each; 3 for 70c; 10 for \$2.00; postpaid.

**Wood Fern** 2 ft. tall, with beautiful feathery fronds of tropical luxuriance. A plant of rare beauty, and perfectly hardy outdoors.

**Maidenhair Fern** 12 inches tall. Fronds forked at the summit of a slender, polished black hair-like stem from which the plant derives its name. Very good for a nice shade plant and ground cover.

**Ostrich Fern** 2½ ft. tall, develops a vase-shaped mass of fronds which are highly decorative. This plant luxuriates on shady, moist soil where it spreads rapidly, forming a splendid fern bed. Perfectly hardy.

**Forget-Me-Not** *Myosotis Palustris*. 8 inches tall. The hardy true blue type, and one of the loveliest small flowers that grows. Blooms all summer, and makes a dense mat of foliage and flowers. Does best in the shade. 28c each; 3 for 65c; 10 for \$1.80; postpaid.

## Gaillardia—Blanket Flower

18 inches tall. I know of no hardy flower that would bloom so freely, and continually, as the Gaillardia. Its flowers of large daisy-shape come in beautiful orange and red colors with centers of brown-red, cushion shaped. Should be in every garden.

## Golden Glow—Rudebeckia

5 to 6 ft. tall with large ball shaped golden yellow blossoms in July and August. Very good for background planting.

**Lythrum Roseum** 2-2½ ft. tall, of upright growth, in bloom from July to September if the faded blossom spikes are cut off. This is one of the showiest hardy plants for groups and border plantings, the entire growth and rose-lilac blossoms staying within a neat hedge-like symmetrical form. For an excellent perennial border, hardy and drought resistant plant Lythrum Roseum.

## Platycodon—Chinese Bell-flower

12 inches tall, the *Mariesi* strain, which is of erect growth, and showier than the tall variety which needs a support. Blooms most freely throughout the summer. Blossoms of pretty bell shape, in white and blue, your choice. Makes a wonderful border plant, also suitable for rock gardens.

## Salvia Pitcheri—Blue Sage

3 ft. tall, freely branching, with large flowers of rich gentian blue color. One of the finest flowers of early autumn.

**Red Sage** *Monarda Didima*. 18 inches tall, perfectly hardy with pretty flower spikes of bright red color. Extra good.

**Shasta Daisy** 18 inches tall, white with golden center. The large flowering type. One of the loveliest flowers for the garden and bouquets; perfectly hardy.





BY

# Sonderegger

## Pyrethrum—Pink

Painted Daisy, see picture at right. 18 inches tall, blooms throughout the summer, in all shades of pink to bright red. Very hardy.

## Statice—Sea Lavender

1½ ft. tall of compact growth. The top of the plant is just as uniform as if sheared, and is covered beautifully with small blue flowers. Very good.

## Stokesia—Stokes Aster

1½ ft. tall. Blooms from July to October, in bright lavender blue color, very good and showy, also for cut flowers. Easy to grow.

## Trailing Periwinkle

Vinca Minor, Creeping Myrtle. 8 inches tall. Evergreen, very hardy. Its shining green foliage makes an excellent ground cover. Does well in sunny location as well as in the shade of large trees. Plant them freely wherever you like a perfect ground cover.

## Tritoma—Flaming Torch

2 ft. tall, blooms from August to October. The flower comes in a spike of scarlet red, lower half tinged with rich orange. Often called "red-hot poker." 35c each; 3 for 80c; postpaid.

## Alaska Verbena

Hardy Creeping Verbena. Perfectly hardy, with dark green foliage, and blooming in a showy pink-lavender shading throughout the summer. For border and rock garden very good; about 8 inches high, of creeping habit, and spreading nicely.

## Violet, Double Russian

A perfectly hardy, new violet, with double sweet scented flowers in great abundance. A splendid violet for shady places. 45c each; 3 for \$1.00; postpaid.

## Violet, Old Fashioned

4 inches tall, the sweet scented old fashioned violet, pictured at extreme right. Very hardy everywhere.

## Violet

King Edward. See picture below. A beautiful border plant, due to its pretty foliage. Always shining green, and in addition it produces a wealth of large, sweet scented dark blue violets from early spring until late fall. A beautiful little plant in every respect.

Pictures:

Above: Pyrethrum.

At right: Physotegia.

## Physotegia Virginica

False Dragon Head. The Dwarf Pink Physotegia, 18 inches tall. A special free blooming variety, far superior to the common tall variety. Very fine for bedding and cut flowers, in bloom during the greater part of the summer. Include this flower in your planting.

## Yucca Filamentosa

Adam's Needle. 3 to 4 ft. tall. A plant of tropical appearance, with long, narrow, evergreen leaves, developing into a dense clump. The blossoms of creamy-white color come on tall flower spikes, bell shaped, as many as 100 to one spike. It blooms for a long time, requires little care. Does well on dry land, for background planting or in the cemetery very valuable.

PICTURE BELOW:

King Edward Violet, and at right Old Fashioned Violet.

Prices of All Plants (unless quoted otherwise):  
25c each; 3 for 50c; 10 for \$1.50; postpaid.



# FINER CANNAS

## FOR COLOR IN *Your Garden*

All Varieties, labeled, guaranteed true to name, 15c each; 3 for 30c; 6 for 55c; 12 for 90c; 25 for \$1.75; postpaid.

**Eureka—White** 4 ft. The only white Canna there is. Green foliage. Sure bloomer, very good.

**Hungaria—Satiny Pink** 3½ ft. Green foliage, very beautiful.

**Red King Humbert—Red** 4 ft. Orange-scarlet, rose tinted, green foliage. One of the best.

**Richard Wallace—Canary-Yellow** 4 ft. Green foliage, extremely showy. A scarce variety.

**Statue of Liberty—Red** 6-7 ft. A blazing flame red, bronze foliage. The finest of the tall Cannas.

**The President—Glowing Scarlet** 4 ft. Green leaves. One of the finest for good blooming.

**Wintzer's Colossal—Vivid Scarlet** 5 ft. Green foliage. The largest flower in Cannas; fine for bedding.

**Wyoming—Orange** 5 ft. Bronze leaves. The only Canna of this beautiful color.

**Yellow King Humbert** Golden yellow with red blotches. 4 ft. Very showy. Plant Cannas 16 inches apart, 4 to 5 inches deep, water freely. Take bulbs up in late fall. Store them in frost-free cellar over winter.

### ROUND CANNA-BED COLLECTIONS

#### 6-Ft. Bed

CENTER: 1 WYOMING.  
1st ROW: 3 RED KING HUMBERT.  
2nd ROW: 10 RICHARD WALLACE.

**\$1.00 Postpaid**

#### 8-Ft. Bed

CENTER: 3 STATUE OF LIBERTY.  
1st ROW: 8 WYOMING.  
2nd ROW: 14 HUNGARIAN.

**\$1.65 Postpaid**

#### 10-Ft. Bed

CENTER: 6 STATUE OF LIBERTY.  
1st ROW: 12 WINTZER'S COLLOSSAL.  
2nd ROW: 9 EUREKA, 9 PRESIDENT.

**\$2.40 Postpaid**

### PURPLE FOUNTAIN GRASS—BORDER

**Pennisetum Ruppelianum** A beautiful ornamental grass, with showy narrow leaves, and pretty plumes. Note photo below of a Canna planting bordered with this grass. It is an annual plant. I furnish them out of small pots easy to plant and easy to start. They will reach full growth by mid-summer when the Cannas bloom. Price of the plants same as Cannas on top of above list. Plant 1 ft. apart.

WYOMING

THE PRESIDENT

Cannas, bordered with one row of Pennisetum Grass and "Dusty Miller" (see flower seeds) in the foreground.



# FANCY GLADIOLAS

## AT POPULAR PRICES

### *Guaranteed* TRUE TO NAME

Price All Assorted Varieties, 3 for 18c.  
Strictly Full Blooming Size Bulbs, 25 for \$1.00,  
**12 for 52c; postpaid**

#### RED GLADIOLAS

**Cardinal Prince** One of the very finest; beautiful cardinal red flower. Early mid-season.

**Cherry Red** A most attractive cherry-red, in a large well shaped flower. Mid-season.

**Dr. Bennet** Of brilliant scarlet color, showing up beautifully in the bed or as cut flower. Mid-season.

**Flaming Sword** Very deep red, of large size and perfect shape, one of the earliest to bloom.

**Crimson Glow** The dark Crimson Gladiola which for years has been the favorite with gladiola growers for mid-season blooming.

#### PINK GLADIOLAS

**Annie Laurie** The color is one of the finest shades of light apple blossom pink one could imagine. A beautiful flower.

**Early Sunrise** Flaming salmon pink, the only free blooming Gladiola of this shade.

**Giant Nymph** This is a tall grower, fine for center or background of the bed. Comes in a good pink.

**Picardi** An excellent flower large and beautifully shaped, of shrimp-pink color. Should be in every planting.

**Betty Nuthall** Large flowering, and a tall grower. The color of this flower is a pleasing coral pink.

**Sonderegger's Fancy Mixed Gladiolas** Containing the finest blooming size bulbs money can buy, and this mixture is arranged to contain every color of the rainbow. Sure to bloom, all of the large flowering type. For a lot of flowers, at a very small expense I know this Gladiola Mixture will give you your money's worth in flowers, and a lot of enjoyment. 12 bulbs for 40c; 25 bulbs for 70c; 100 bulbs for \$2.60; postpaid.

#### RAINBOW COLLECTION

6 Cherry Red  
6 Annie Laurie  
6 Picardi  
6 Apricot Glow  
6 Carmen Sylva  
6 Lavender Bride  
24 Fancy Mixed

60 No. 1 Bulbs

**\$1.80** POST-PAID.

#### PRIZE-TAKER ASSORTMENT

5 Marmora  
5 Dr. Bennet  
5 Picardi  
5 Golden Dream  
5 Peace  
10 Fancy Mixed

35 No. 1 Bulbs

**\$1.00** POST-PAID.

#### PLANTING INSTRUCTIONS

Plant your Gladiolas about 4 inches deep, 6 inches apart. By planting them at a much greater distance apart they may grow a little too tall and would have to be staked. Plant in good rich garden soil, water freely. Most varieties bloom 75 days after planting, the late varieties about 85 days. For cut flowers make several plantings weekly, beginning first of May. Take the bulbs up in late fall, store them in a frost-proof cellar.



This is a photo of Picardi, a flower I recommend for every Gladiola planting. My Gladiolas are all of the large flowering type. I have discontinued entirely all old fashioned small flowering sorts which were formerly known as "Primulinus Gladiolac". In my assortment for 1938 I have carefully included all those varieties which have been of outstanding value, leaving out all those that must have some special soil or care to do well, and including enough varieties to give you the widest possible range of color.



# Sonderegger

## TREES AND SEEDS THAT GROW



ERNEST  
SONDEREGGER

With 1938 my 26th year of actual work begins, under the trade-mark of the House of Sonderegger. For the greater part of that period I have been the manager of our seed department. To build up our name for good seeds I have always concentrated my efforts on the selection of better varieties, putting them to my own tests before recommending them—testing every grain of seed before it is packed, and paying prompt and careful attention to any requests

from my customers. Just 26 years of serving you—and it has been a pleasure; now that I am beginning my second "Quarter Century" in the business house that my father built, I have but one wish, and am glad to make it known here: To have the opportunity of remaining in contact with you, helping you in any of your garden problems, and furnishing you whatever you may like to sow. Good, fresh seeds, true to name and prompt service on your orders.

### WHEN SEEDS MUST BE THE BEST

in purity and germination in order to make a perfect stand on the space you have, and must be absolutely true to name, to produce for you what you have selected in varieties from your own experience or from a reliable seedbook—

SONDEREGGER SEEDS ARE THE ANSWER.

—And if you are one of those alert people who are fascinated by Mother Nature's way of producing crops from soil and seeds—

—And if you like to get of the old favorites those that are still worth planting, of the new creations the most significant—

—Then you will like this book, because it tells you facts established by actual tests, so you can select intelligently—

—Then you will like Sonderegger Seeds that are inspected most rigidly as to their germination, purity, and are always packed and shipped with utmost care, to be true to name, and to reach you in good condition.



New Striped  
Klondike  
Watermelon  
Note page 59,  
the list of  
outstanding  
varieties of  
melons.



# SEEDS

## PLANTING INSTRUCTIONS

The packets that are used to send out Sonderegger Seeds bear on the outside full instructions on how to sow the seed within the packet. All available space on the front of the packets is used for instructive matter, so that the old gardener may convince himself that his own method is correct, and the young man or young housewife may make their first garden with results they will enjoy.

# TESTED SEEDS

Delicious Muskmelon. On page 58 you find an assortment of the finest Muskmelons and Cantaloupes of the year.

Harris Early Pepper. One of the best of 5 good kinds. See page 65.

French Breakfast Radish. There are 10 more radish sorts on page 63.

## My Farm Garden Collection

REGULAR PRICE \$1.59 **\$1.00** POST-PAID.



ARTHUR SONDEREGGER

## City Garden Collection

50c POST-PAID.

Tomato, Penn State. Description of this new variety, and the best of former introductions on page 64.

- 1 pkt. Golden Acre Cabbage.
- 1 pkt. Ohio Canner Beets.
- 1 pkt. Burpee's Stringless Beans.
- 1 pkt. Golden Wax Beans.
- 1 pkt. Long Green Cucumber.
- 1 pkt. Giant Butter Radish.
- 1 pkt. Sonderegger's Icicle Radish.
- 1 pkt. Sonderegger's Scarlet Carrots.
- 1 pkt. Early Curled Simpson Lettuce.
- 1 pkt. Extra Early May Peas.

- 2 oz. Beans, Burpee's Stringless.
- 2 oz. Beans, Sonderegger's Improved Black Wax.
- 2 oz. Pole Beans, O'd Homestead or Kentucky Wonder.
- 1 pkt. Beets, Sonderegger's Early Blood Turnip.
- 1 pkt. Cabbage, Sonderegger's Improved Danish Ballhead.
- 1 pkt. Chinese or Celery Cabbage.
- 1 pkt. Carrot, Sonderegger's Half Long.
- 1 pkt. Sweet Corn, Sonderegger's Golden.
- 1 pkt. Sweet Corn, Early Evergreen.
- 1 pkt. Cucumber, Improved Long Green.
- 1 pkt. Lettuce, Sonderegger's Extra Early Head.
- 1 pkt. Onion, Large Red Wethersfield.
- 1 pkt. Onion, Sonderegger's Prizetaker.
- 2 oz. Peas, Early May.
- 2 oz. Peas, American Wonder.
- 1 pkt. Pumpkin, Large Sweet Cheese.
- 1 pkt. Radish, Sonderegger's Icicle.
- 1 pkt. Tomato, Scarlet Topper.
- 1 oz. Turnip, Purple Top White Globe.
- 1 pkt. Golden Heart Cantaloupe.

There is nothing I would like better than meet you personally, if possible right here on the job. You would most likely find me in overalls, but you would not notice them much once I had you in my fields of flowers. I know my flowers would hold your attention. You would be asking questions about them, and since few of you have the opportunity of stopping here to ask personally, I am answering your questions within the descriptions of Perennial Flowers, and flower seeds in this book. My flower bulbs and plants (pages 40-49) are the healthiest and strongest I have grown in many years. My list of flower seeds (pages 68-73) is new, including the latest varieties on the market. Take advantage of my offers, they mean special quality at low cost.



# Sonderegger

# BEANS

AT LEFT: SONDEREGGER'S  
GIANT STRINGLESS.

## WAX BUSH BEANS (Yellow Podded)

### C140 Sonderegger's Improved Black Wax

(51 days) Much better than the old Black Wax. One of the best all around wax beans on the market. 6 to 7 inches long, bright yellow, round and slightly curved, entirely stringless, free from fiber. Quality is excellent. Seeds black. Bears extra well. Packet, 10c; 1/2 lb., 25c; lb., 40c; 3 lbs., \$1.10; postpaid.

### C155 Pencil Pod Black Wax

(52 days) Plants large and stocky, producing well. Pods golden yellow, fleshy, tender and stringless, finest quality. Seeds black. Packet, 10c; 1/2 lb., 25c; lb., 38c; 3 lbs., \$1.05; postpaid.

## GREEN BUSH BEANS (STRINGLESS)—3 EXTRA FINE SORTS

### C120 Sonderegger's Giant Stringless

(54 days) One of the heaviest bearers. Meaty, very brittle, for the home garden one of the very finest. You will be pleased with this Bean. Packet, 10c; 1/2 lb., 25c; lb., 40c; 3 lbs., \$1.10; postpaid.

### C144 Improved Golden Wax

(59 days) Pods from 4 1/2 to 5 inches long, brittle and stringless, with nice golden color. Well flavored, makes a fine snap bean, bears well. Seeds white mottled brown and purple. Packet, 5c; 1/2 lb., 18c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C141 Sure Crop Stringless

(53 days) A most prolific bearer, and of fine quality. The rich yellow beans are about 6 to 7 inches long, thick, flat, exceptionally meaty, and at all times perfectly stringless. Plants well branched, with dense foliage. Packet, 5c; 1/2 lb., 17c; lb., 32c; 3 lbs., 92c; postpaid.

### C126 Burpee's Stringless

(52 days) One of the older varieties, but still in great favor. Plants large, erect, and very productive. Pods 5 to 6 inches long, round and light green. Packet, 5c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

## POLE BEANS (Runners)

### C162 Kentucky Wonder

(65 days) Of all the Pole Beans I have ever put to test none have ever produced better and bore beans of finer quality than Kentucky Wonder, and its yellow pardner listed below. They are at their best if picked before fully ripe. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 95c; postpaid.

### C164 Kentucky Wonder Wax

(60 days) With the exception of the pods which are golden yellow, this is exactly the same bean as Kentucky Wonder listed above. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., 95c; postpaid.

### C134 New Tendergreen

(54 days) One of the best green beans for the Middle West. Pods of dark green color, round and fleshy. Bears well. It is a good, erect grower. Plant them for the home and market. Packet, 10c; 1/2 lb., 25c; lb., 40c; 3 lbs., \$1.10; postpaid.

## BUSH LIMA BEANS

### C154 Henderson's Bush Lima

(55 days) The earliest of the Limas, a good bearer. Beans are slightly smaller than those of other Lima varieties, but for the Middle West this is one of the best, also in the South. Packet, 5c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

### C157 Jackson Wonder Lima Bean

Bears well, large pods with 3 to 5 large flat beans, which are unexcelled for table use green or dry. Beans mottled red and white. Ready for table use in 60 days. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

PHOTO BELOW:  
IMPR. GOLDEN  
WAX.

HENDERSON'S  
BUSH LIMA



# PEAS

## 2 Great Values

### BEAN COLLECTION C175

1/2 lb. Sonderegger's Giant Stringless.  
1/2 lb. Burpee's Stringless.  
1/2 lb. Pencil Pod Black Wax.

ALL FOR **49c** POST-PAID.

### PEA COLLECTION C521

1/2 lb. Alaska.  
1/2 lb. Everbearing.  
1/2 lb. American Wonder.

ALL FOR **49c** POST-PAID.

### C494 Extra Early May Pea

(50 days) A variety of great merit. The vines are dwarfish, about 18 inches high, completely covered with an abundance of the finest, well filled pods. Large peas, quality extra good. Will grow without support, unless in extra favorable growing weather. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

#### Nitragin

Treat all your Beans and Peas with Nitragin before you sow. You will get a better stand, a better crop, and it im-

proves the soil. Cannot be used except with the seed before sowing. Not good for any other kind of seeds. Garden size tin, enough to treat 4 lbs. of seed, 10c; postpaid.

### SUGAR PEAS

(Edible Pods)

### C516 Sonderegger's Giant Sugar

(70 days) They are used just like string beans. The large, broad, flattened pods are of waxy yellow color, stringless, very sweet and tender. Should have a support; grows 4 to 5 ft. high; a fence is best. Packet, 8c; 1/2 lb., 25c; lb., 40c; 3 lbs., \$1.10; postpaid.

### C518 Dwarf Gray Sugar

One of the sweetest of all Sugar Peas. Pods of good size, and well filled. You can grow them without brush or trellis. Packet, 8c; 1/2 lb., 23c; lb., 38c; postpaid.

### C520 Tall Gray Sugar

Will get 4 to 5 ft. tall. Grow them along the fence. Produces extra well, large, brittle pods of finest flavor, sweet and tender, very good for canning, and main crop. Packet, 8c; 1/2 lb., 25c; lb., 40c; 3 lbs., \$1.10; postpaid.

Plant Sugar Peas in May, when you plant Beans, they cannot be sown as early as common peas.

### C498 American Wonder

(52 days) An old standard variety, known as a very early wrinkled pea. The vines grow 10 to 14 inches high and do not need brush or sticks for a support. Pods medium size, well filled. For the city garden I consider this the best. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C512 Everbearing

(60 days) For midseason and main crop I recommend this variety. Pods are large, well filled with very large peas of superior flavor. Vines of robust growth and branching habit, blooming repeatedly after picking. 20 to 24 inches high. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C506 Peter Pan

For the Middle West this is a very good wrinkled sort. 18 inches high, of sturdy growth, dark green, and wonderfully productive. The pods measure 4 to 5 inches in length, and contain 8 to 10 deep bluish-green sweet, wrinkled peas of finest quality. They should be in every planting. Packet, 8c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C488 Alaska

(45 days) The earliest of all peas. Grown very extensively for canning, especially by market growers. It is a splendid bearer. Pods 2 1/2 inches long, well filled with usually 6 light green peas. Height 2 ft. Pkt., 5c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

### C490 Little Marvel

(60 days) Can be planted very early. It is a dwarf grower (15 inches high) and produces an abundance of well filled pods 5 to 7 inches long. Peas are medium size, excellent in quality. Packet, 5c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.





# Sonderegger

# BEETS CARROTS

## BEETS

C179 **Ohio**

**Canner** (65 days)

See photo lower left hand corner. A beet of recent introduction, deep blood red, tender, sweet and free from stringiness. Its uniform, rounded roots and rich color are especially desirable, both for home use and for the market. Packet, 10c; oz., 20c; 1/4 lb., 30c; lb., \$1.00; postpaid.

C180 **Crosby's Egyptian**

The roots are flattened in shape, of medium size, very smooth, dark red, sweet and tender. The very best of the early flattened beets. Packet, 5c; oz., 13c; 1/4 lb., 25c; lb., 85c; ppd.

C181 **Early Wonder**

**Beet** (56 days) Round, slightly flattened, very smooth

with small tops, small necks and small tap roots. Unsurpassed in earliness, uniformity in medium size, and in its fresh purplish red color with zones of lighter shades. Fine quality. Packet, 10c; oz., 15c; 1/4 lb., 35c; 1 lb., \$1.00; postpaid.

C178 **Sonderegger's Early Blood Turnip**

Note photo on rear outside cover. One of the finest for the Middle West, especially for the home garden. Of outstanding quality; tops medium, dark green, tinged red, roots globular, smooth with few fine roots. Flesh dark red with indistinct zones. Of excellent quality, very sweet and tender. Packet, 10c; oz., 15c; 1/4 lb., 30c; lb., 95c; postpaid.

C184 **Early Blood Turnip**

An old variety for canning; smooth, tender, and of fair quality. Still well liked by many gardeners. Packet, 5c; oz., 15c; 1/4 lb., 20c; lb., 75c.

C182 **Crimson Globe**

Early, medium size globe shape. A beet of fine quality, very dark red, and smooth. A favorite with market growers. Packet, 5c; oz., 12c; 1/4 lb., 25c; lb., 90c; postpaid.

C192 **Swiss Chard** (Man- gold)

Of this variety only the leaves are used, same as Spinach. Produced in large numbers throughout summer and fall. Packet, 5c; oz., 12c; 1/4 lb., 25c; postpaid.

Photo at Left:  
Swiss Chard

## SUGAR BEETS

Profitable for syrup, also for dairy cows and poultry. For cattle feed the beets should be chopped or ground up so that the pieces are not larger than 1-inch square. Easy to store in pits for winter use with straw or dirt cover. For making syrup a bulletin sent out free on request by U. S. Dept. of Agriculture will give you complete directions.

C202 **Klein Wanzleben** (75 days)

Long, slender roots, heavy producer, and rich in sugar contents, very valuable for syrup and sugar production, also for feed. Oz., 5c; 1/4 lb., 20c; lb., 60c; postpaid.

C206 **Lane's Imperial** (80 days)

Grows to a large size, yielding almost as much as Mangel Beets, and are rich in sugar. Roots smooth, broad at the shoulder, and gradually tapered to the base. For feeding I would prefer this variety, while for syrup or sugar production Klein Wanzleben would most likely be a little better. Oz., 5c; 1/4 lb., 18c; lb., 60c; 3 lbs., \$1.50; postpaid.

## MANGEL BEETS

Produces enormous crops of beets per acre, and they can be stored in pits or caves for winter use. Egg and milk production during the winter is greatly increased if the animals receive some fresh feed. Mangel Beets are most profitably used in dairies and poultry ranges. Try them, you will increase your income, and you will be keeping your animals in good shape.

C194 **Danish Sludstrup** (90 days)

Reddish yellow, grows well above the ground, and therefore easy to harvest. Beets medium to large in size, and of highest feed value. Oz., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

C200 **Mammoth Long Red**

(110 days) The latest variety I have, and the largest; beets being of enormous size. Of this Mangel Beet you can count on a greater production of feed per acre than of any other crop that grows, and the beets keep well in pits. Oz., 8c; 1/4 lb., 20c; lb., 70c; postpaid.

C198 **Giant Half Sugar** (85 days)

Extra sweet, and large, of special high feed value for poultry and dairy use. On heavy soil I prefer this variety, as it grows shallow and is easy to harvest. Oz., 5c; 1/4 lb., 15c; lb., 50c; postpaid.

## MANGEL and SUGAR BEETS

are grown in rows, the rows 3 ft. apart, As soon as the plants are 3 to 4 inches high thin them out to stand 10 to 12 inches apart in the row. Sow when most danger of frost is over. Occasional cultivation to keep soil loose and free from weeds is very beneficial to the beets.

**Giant Half Sugar Mangel Beet**

Poultry and dairymen will never realize by how much production of the flocks or herds can be stepped up by feeding ground beets in the winter, Unless They Give Them a Trial.

Ohio Canner, one of the best beets for main crop.



# SALSIFY PARSNIPS

**C586 Salsify or Oyster Plant** Perfectly hardy, and may remain outdoors over winter. Culture same as Carrots. For winter use store roots in sand in the cellar. Sow 1 oz. of seed for 50 ft. row, and thin out to 4 inches apart in the row. Makes a most delicious vegetable dish. Try them once, you will never be without Salsify in your garden. Packet, 5c; oz., 15c; 1/4 lb., 50c; lb., \$1.65; postpaid.

## CARROTS

**C256 Sonderegger's Improved Half Long** (65 days) For the Middle West one of the best, both for home use and for market. The roots and flesh are of a bright orange red color, of medium size, and fine grained. You will be pleased with this carrot, its good production, and its fine quality. Packet, 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.00; postpaid.

**C264 Oxheart or Guerande** (60 days) A short, stumpy variety, very good for early use. Short, almost as large around as long, and of very good quality. Packet, 5c; oz., 15c; 1/4 lb., 30c; lb., 90c; postpaid.

**C252 Morse's New Bunching** 7 to 8 inches long with an even rich red color clear through. Exceptionally smooth, tops short and strong. Practically no small roots. Always sweet and tender; the finest for fall and winter crop. Packet, 7c; oz., 25c; 1/4 lb., 50c; postpaid.

**C262 Early Chantenay** An old standard sort, early, smooth and of fine quality. Very productive under normal conditions; one of the best early table sorts. Packet, 5c; oz., 12c; 1/4 lb., 30c; lb., 90c; postpaid.

**C258 Danver's Half Long** (75 days) About 10 days later than Sonderegger's Improved Half Long, and not quite so fine grained; it is an excellent Carrot, however, for home use and market. Packet, 5c; oz., 10c; 1/4 lb., 25c; lb., 90c; postpaid.

**C254 Sonderegger's New Scarlet** (70 days) Of good size, in fact the finest large Carrot with excellent table qualities. For second early, and for main crop include this fine variety in your planting. You will be well pleased with it. Packet, 10c; oz., 15c; 1/4 lb., 40c; lb., \$1.00; postpaid.

## STOCK CARROT

For Rabbits, Horses and Cows.

**C266 Long Orange** Grows to a large size. It is the largest of all Carrots I have. Quality fair for table use, but coarse grained. I recommend it mostly for feed; it is a heavy yielder. Packet, 5c; oz., 10c; 1/4 lb., 20c; lb., 75c; postpaid.

## C261 "BIG 3" CARROT COLLECTION

SONDEREGGER'S NEW SCARLET, OXHEART  
SONDEREGGER'S IMPROVED HALF LONG  
1 PACKET OF EACH, 3 EXCELLENT SORTS

**18c**  
POSTPAID.

## PARSNIPS

1 oz. will sow 200 ft. row, 5 pounds per acre. Sow early in the spring, rows 15 inches apart, when well up thin out to 5 inches apart in the row. They are at their best in late fall after frost. Can be stored for winter use.

**C480 Improved Guernsey** (85 days) Roots thick, of medium length, quality of this Parsnip is excellent, roots smooth, and fine grained. Very satisfactory for home use or market. Packet, 5c; oz., 10c; 1/4 lb., 25c; lb., 85c; postpaid.

**C482 Hollow Crown or Long Smooth** (85 days) The old fashioned long smooth rooted Parsnip that will do well most anywhere. Packet, 5c; oz., 12c; 1/4 lb., 25c; lb., 85c; postpaid.

Photos: Below, Sonderegger's Improved Half Long (2 specimens). At the right, top: Salsify; middle: Sonderegger's New Scarlet Carrot; bottom: Early Chantenay.





# Cabbage.. MOST COMPLETE ASSORTMENT Brussels Sprouts .....

## C118 Brussels Sprouts

Note photo to at left. This is the Improved Dwarf Variety. The miniature heads, which are very solid, and most delicious, grow along the stem of the plant. Culture same as cabbage. They like a cool, damp place. Packet, 10c; oz., 25c; ¼ lb., 80c; postpaid.

## SAVOY CABBAGE

### C240 King of the Earliest

The best of all sorts of Savoy cabbage that I have ever tried. Medium size, solid, excellent for cooking. Packet, 8c; oz., 25c; postpaid.

**C225 Just Right** Heads medium and flat, 4 to 5 pounds each. Very fine quality, very early, making nice heads in 65 days. I recommend this variety knowing that you will be well pleased with it. Packet, 10c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25; postpaid.

**C224 Early Jersey Wakefield** (65 days) Pointed, an old variety, but still in great favor with market growers as well as home gardeners. Heads conical, very solid, weighing 3 to 4 pounds. Outer leaves small, can be planted close together. If transplanted early the heads are usually ready to use by July 4. Packet, 5c; oz., 20c; ¼ lb., 70c; postpaid.

**C234 Sure Head** (100 days) Uniform, heads, fine texture, extra large, round, slightly flat, and always sure to produce well. Packet, 5c; oz., 20c; ¼ lb., 70c.

### C236 Sonderegger's Improved Danish Ballhead

(100 days) Excellent market size, not too large. Very hard, almost round, fine grained and juicy, will weigh one-fourth more than heads of the same size in other varieties. For main and late crop. Packet, 10c; oz., 30c; ¼ lb., 98c; postpaid.

**C223 Golden Acre** (65 days) Early, heads very solid, 6 to 8 inches in diameter, 3 to 4 pounds. Very fine grained, and of excellent quality. I recommend it for summer use. Packet, 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; postpaid.

## C238 Premium Late Flat Dutch

(100 days) One of the best for market; immense, solid, uniform heads from 10 to 12 pounds each, very late, and good for storing. A leader for sauerkraut. Packet, 5c; oz., 20c; ¼ lb., 60c; postpaid.

## C226 Early Copenhagen Market

(70 days) Short stem, few outer leaves, heads round and very solid, from 3 to 4 pounds in weight, and of fine quality. An early, dependable cabbage, and for the market grower a good shipper. Packet, 7c; ½ oz., 20c; oz., 30c; ¼ lb., 85c; postpaid.

## C228 Sonderegger's Summer Ballhead

Perfectly round, solid, very good midseason cabbage; good for sauerkraut. Should be in every planting. Packet, 10c; oz., 30c; ¼ lb., 98c; postpaid.

## "BIG 3" CABBAGE COLLECTION C227

1 PACKET OF EACH:  
GOLDEN ACRE  
SONDEREGGER'S SUMMER  
BALL HEAD.  
LATE FLAT DUTCH.

ALL FOR **17c** POST-PAID.

Photo lower left:  
JUST-RIGHT  
CABBAGE



## CAULIFLOWER

Sow early in hotbeds or flats. When plants are large enough transplant 3 inches apart. Plant in the open 2½ feet apart when the ground is warm.

## C246 Sonderegger's Improved Earliest Dwarf

(95 days) Heads 6 to 8 inches in diameter, compact, uniform in size, fine grained and pure white. For fall crop sow in May. Packet, 20c; ¼ oz., 65c; oz., \$2.10; postpaid.

**C248 Early Snowball** (90 days) Heads compact, fine grained. This is imported seed, finest quality, true to name. Packet, 20c; ¼ lb., 65c; oz., \$2.25; postpaid.

**C250 New Danish Giant** (130 days) Resists the dry weather fairly well, and with occasional watering in dry times it will do well. Extra large, the finest for late crop. Packet, 15c; ¼ oz., 60c; oz., \$2.10; postpaid.



# Kohlrabi CAULIFLOWER

## CHINESE CABBAGE

### C222 Celery

**Cabbage** Easy to grow; sow in July for fall use. Light frost in fall does not hurt these plants. It is a most delicious vegetable for cooking, for salads or cold slaw. Makes oblong solid heads. Packet, 10c; oz., 35c; 1/4 lb., \$1.00; postpaid.

### C244 Mammoth Red Rock

**Cabbage** The finest, surest heading sort of Red Cabbage, of extra fine quality. Packet, 10c; oz., 30c; postpaid.

## KOHLRABI

### C342 Early White Vienna

(60 days) For your home garden or market a fine Kohlrabi, 3 to 4 inches in diameter, pure white inside, excellent quality, and easy to grow. Packet, 7c; oz., 25c; 1/4 lb., 50c; postpaid.

### C344 Early Purple Vienna

(60 days) Much like the white variety listed above; however, of bluish purple color outside, with white flesh. Cook Kohlrabi the same as cabbage or turnips. Packet, 5c; oz., 20c; 1/4 lb., 50c; postpaid.

## SWEET CORN

Plant Sonderegger's  
Better Strains

### C292 Sonderegger's Early Golden

(65 days) After many years of careful selection, I have developed this Sweet Corn. It has proven to be one of the finest sorts of Sweet Corn for the Middle West. Stalks of medium height, ears 7 to 9 inches long, well filled with large golden yellow kernels which are unusually sweet. Extra early, fine for table use and canning. Packet, 10c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C305 Golden Cross Hybrid

Stalks about 6 ft. tall, with one or two nice ears per stalk, 7 to 8 inches long, with 10 to 14 rows of medium sized kernels, of yellow color, and finest quality. For heavy production I recommend this Sweet Corn. Packet, 10c; 1/4 lb., 15c; lb., 50c; postpaid.

### C304 Sonderegger's Improved Early Evergreen

(70 days) 7 to 8 inch ears, well filled with sweet kernels, tender, very fine for table use or canning. Packet, 8c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C306 Country Gentleman

(70 days) Very productive, kernels irregular, very deep, pure white and very sweet. Ears 9 inches long. A very good variety. Packet, 5c; 1/2 lb., 20c; lb., 35c; 3 lbs., \$1.00; postpaid.

### C308 Stowell's Evergreen

(80 days) Much used by the canning factories, also fine for drying. Large ears, tender, and sweet. Packet, 5c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

### C296 Sonderegger's Earliest

(60 days) Very large ears with pearly white kernels of finest quality. Where seasons are short or where extra early crops are desired plant this corn. Packet, 8c; 1/2 lb., 18c; lb., 30c; 3 lbs., 85c; postpaid.

## "BIG 3" SWEET CORN COLLECTION C307

1/4 POUND OF EACH:  
SONDEREGGER'S EARLIEST, SONDEREGGER'S IMPROVED EARLY EVERGREEN and SONDEREGGER'S EARLY GOLDEN. ALL THREE FOR

**23c**

POSTPAID.

Photo above: E A R L Y  
WHITE VIENNA KOHL-  
RABI.

## POP CORN

### C310 South American Dynamite

The genuine strain, large ears, large kernels, yellow, and light creamy yellow when popped. Extra fine quality. Be sure to include this corn in your planting. Packet, 5c; 1/4 lb., 10c; lb., 30c; 3 lbs., 75c; postpaid.

**C312 Baby Rice** Japanese Hulless, the smallest and finest of the white varieties. Stalks out freely, each stalk making a number of good ears 4 to 5 inches long. Excellent quality. Packet, 5c; 1/4 lb., 10c; lb., 25c; 3 lbs., 70c; postpaid.

### C311 Hybrid Japanese Hulless Pop Corn

An extra heavy yielder, nice ears. Even in times of drought it produced heavy crops. When popped it is about one-fourth larger than Baby Rice, approaching nearly in size the South American Dynamite. White and truly the best white popcorn for large size that can be had. Packet, 10c; 1/4 lb., 25c; lb., 65c; postpaid.

Photo at right:  
South American  
Dynamite





**Sonderegger**

# CUCUMBERS

*Special varieties for*

## C321 The Barteldes Cucum- ber

(65 days) Dark green, white spine, excellent quality. At its best when 6 to 8 inches long. Fine for slicing and pickling. Packet, 10c; oz., 20c; ¼ lb., 60c; postpaid.

## C324 Improved Long Green

(70 days) Highly recommended for home use and market, making delicious pickles when small. Crisp, of fine flavor. 9 inches long, dark green, excellent quality. Packet, 8c; oz., 15c; ¼ lb., 35c; lb., \$1.25; postpaid.

## C330 New Everbearing

(55 days) A small early Cucumber, short and thick, of superior quality for pickles. Continues to bear until frost. Packet, 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25; postpaid.

## C328 Early Cluster

(50 days) Hardy, vigorous vines bearing clusters of 2 and 3 short, thick, dark green Cucumbers, crisp and tender; very fine for pickles. Packet, 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25; postpaid.

## C332 Chicago or Westerfield

**Pickling** (68 days) Special for pickles and much in demand for that purpose. Medium length, pointed at both ends, large prominent spines, deep green color. Packet, 5c; oz., 10c; ¼ lb., 40c; lb., \$1.25; postpaid.

## C320 Davis Perfect

(50 days) About 10 inches long, slim, slightly pointed, dark, glossy green color. Very tender, crisp, with finest flavor. One of the very best for the Middle West. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.15; postpaid.

## C327 "Straight 8" Cucumber

(58 days) See outside rear cover. A grand market Cucumber, uniform size, slender, 8 inches long, dark green and smooth. Very good. A new Cucumber. Packet, 10c; oz., 20c; ¼ lb., 55c; postpaid.

## MUSKMELONS and CANTALOUPEs

## C395 Sonderegger's Earliest

(82 days) Melons netted, slightly ribbed, weight about 3 pounds each. Flesh deep yellow, very sweet, and melting. One of the best for Middle West and North. Packet, 10c; oz., 20c; ¼ lb., 40c; lb., \$1.25; postpaid.

## C392 Sugar Rock

(85 days) Melons oval, medium to large size, flesh golden yellow, very thick, juicy, unusually sweet. Very good market melon. Packet, 5c; oz., 15c; ¼ lb., 25c; lb., 90c; postpaid.

## C387 Delicious

(90 days) Of the Rocky Ford type, but slightly oblong, heavily netted. Flesh light green with gold lining, very sweet with small seed cavity. Packet, 5c; oz., 15c; ¼ lb., 25c; lb., 85c; postpaid.

## C390 Rocky Ford

(90 days) Flesh greenish-white, very juicy and rich. Medium size, almost round. The old standard market sort. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., 85c; postpaid.

## C400 Banana

(90 days) Banana shaped, cream colored, flesh salmon, rich flavor; a delicious Muskmelon. Packet, 7c; oz., 20c; ¼ lb., 35c; lb., \$1.10; postpaid.

## C389 Bender's Surprise

(90 days) Highly recommended for home use and market. 5 to 7 pounds, distinctly ribbed, greenish-yellow when ripe. Flesh bright salmon, fine quality. Packet, 8c; oz., 15c; ¼ lb., 35c; lb., \$1.10; postpaid.

The Muskmelon at the left is a Sonderegger's Earliest, a splendid variety for the Middle West. The above picture was sent to me by a customer; it shows what good seeds will do. Complete planting instructions on every packet you order.



# MELONS • SQUASH • PUMPKINS

*best results in every locality*

C614

Improved Warty  
Hubbard Squash

(110 days) Sweet, well  
flavored with dry meat.  
Very dark green  
shell, hard and  
warty, a good  
winter keep-  
er. Packet,  
5c; oz., 10c;  
¼ lb., 25c;  
lb., 85c;  
postpaid.

## PUMPKINS

### C538 Large Sweet Cheese

(110 days) Large, flattened fruit that keeps well; cream color; flesh yellow, thick and very tender; highly productive. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 70c; postpaid.

### C542 King of Mammoth

(120 days) Flesh and skin of bright golden-yellow color, fine grained, of very good quality. One of the largest in size, often up to 100 pounds. Packet, 7c; oz., 15c; ¼ lb., 30c; lb., \$1.00; postpaid.

### C544 Small Sugar

(115 days) The "Sweet Pumpkin." About 10 inches in diameter, averaging 4 pounds in weight. Deep orange yellow skin, flesh fine grained of excellent quality. A very good keeper. Packet, 5c; oz., 12c; ¼ lb., 25c; lb., 80c; postpaid.

### C546 Field Pumpkin

(120 days) This is the old Connecticut variety, medium size, up to 15 pounds, orange yellow; good flavor. One of the best for kitchen use. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 65c; postpaid.

### C610 Cushaw

For description and price, see opposite page under Squash. There has always been some disagreement as to whether Cushaw is a squash or a pumpkin, but all experts agree Cushaw is of first class in whichever class you put it.

## WATERMELONS

### C404 Tom Watson

(90 days) Extra long, tough but thin rind, good shipper. Deep red flesh to within an inch of the rind. Good producer. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

### C414 Pride of Nebraska

(85 days) Medium size, dark green, and faintly striped. Flesh bright red, rich in flavor. Keeps well. Vine vigorous and very productive. Packet, 5c; oz., 15c; ¼ lb., 20c; lb., 70c; postpaid.

### C412 Stone Mountain

(85 days) Almost round, large, rich, sweet, scarlet flesh; very fine. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

### C407 New Irish Gray

(90 days) Yellowish gray, large melons. Good shipper, quality excellent. Packet, 8c; oz., 20c; ¼ lb., 35c; lb., \$1.00; postpaid.

### C406 Cole's Early

(80 days) For the North where seasons are short. Flesh bright red, crisp and sweet, fine flavor, medium size. Packet, 5c; oz., 10c; ¼ lb., 18c; lb., 60c; postpaid.

### C408 Kleckley's

Sweet (85 days) Oblong, dark green, very productive. For Nebraska, one of the best. Flesh dark red, very sweet, solid and stringless. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.

### C410 New Striped

Klondike (90 days) An outstanding new variety averaging 25 pounds; light green, striped dark green; stands shipping well. Flesh deep red, sweet and stringless. Packet, 10c; oz., 15c; ¼ lb., 25c; lb., 85c; postpaid.

## SQUASH

### C604 Pink Banana Squash

(120 days) About 2 feet long, bears well, a good keeper, very good quality. Packet, 8c; oz., 15c; ¼ lb., 35c; lb., \$1.30; postpaid.

### C603 Sonderegger's Table Queen

(58 days) Finest baking squash; also fine for pies; 6 to 8 inches long, thick; dark green, hard and smooth; a good keeper and produces heavily. Packet, 8c; oz., 15c; ¼ lb., 35c; lb., \$1.30; postpaid.

### C610 Cushaw Squash

(112 days) Always large, mottled green and white, solid and heavy. Fine grained, sweet. Exceptionally good quality. Some people class Cushaw with pumpkins. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; postpaid.

### C606 Giant Summer

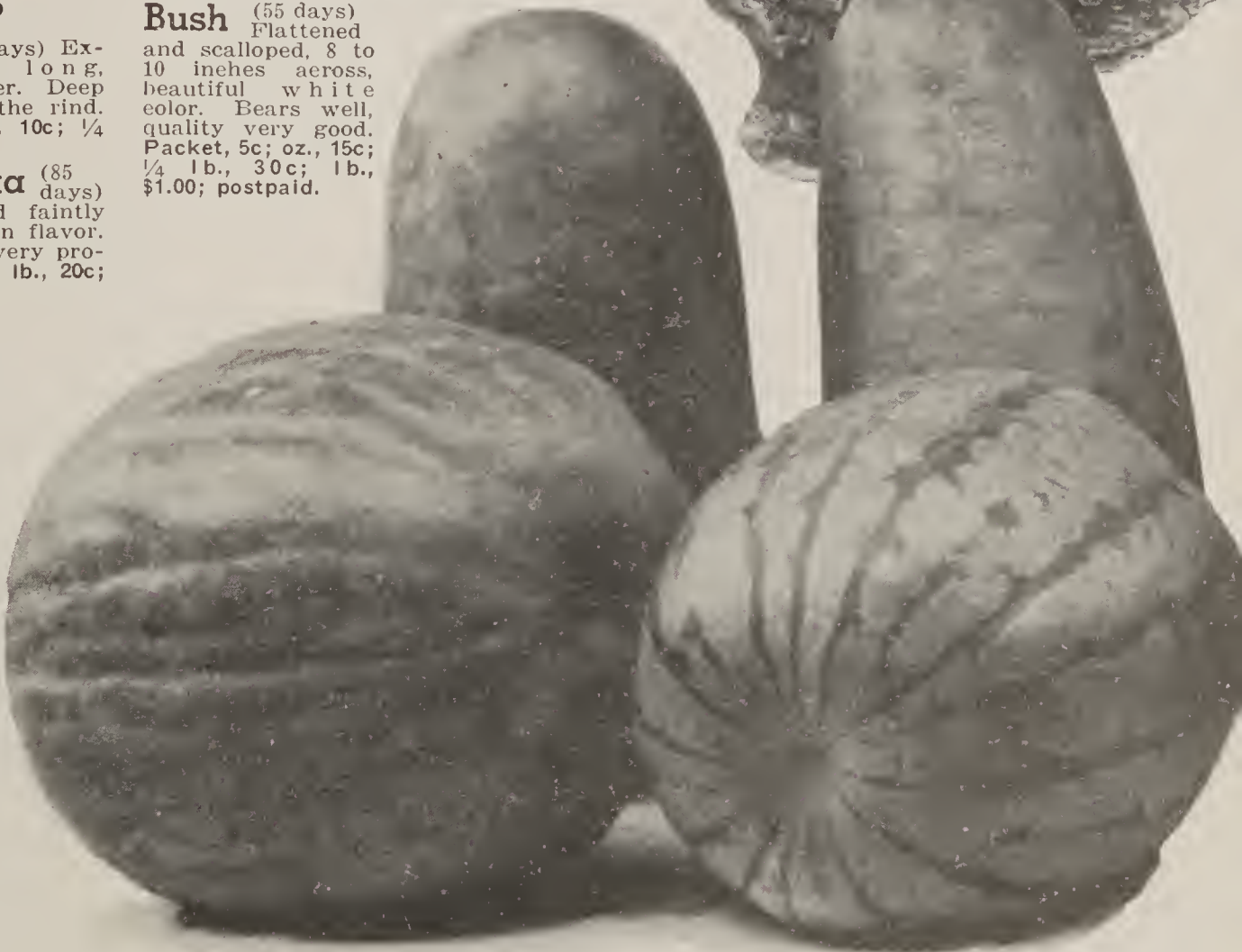
Straightneck (55 days) Heavily warted, meat lemon yellow, fine quality. 16 inches long, running 3 pounds in weight; used when young. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; postpaid.

### C616 Golden Hubbard

(105 days) Orange red, flesh deep color, and the quality is very good. Medium size. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

### C605 Mammoth White

Bush (55 days) Flattened and scalloped, 8 to 10 inches across, beautiful white color. Bears well, quality very good. Packet, 5c; oz., 15c; ¼ lb., 30c; lb., \$1.00; postpaid.



### "Big 4" Watermelon Collection

Melons in the picture: Lower left—Stone Mountain; lower right—New Striped Klondike; upper left—Tom Watson; upper right—Kleckley's Sweet. One packet of each variety, all for only 22c, postpaid.

Melons in the picture: Lower left—Stone Mountain; lower right—New Striped Klondike; upper left—Tom Watson; upper right—Kleckley's Sweet. One packet of each variety, all for only 22c, postpaid.



# LETTUCE of every kind

## The Finest Head Lettuce

**C210 Chicory** Note photo at the left. The young crown buds, consisting of young leaves, are cut and make a most delicious dish of salad. In Europe the roots are also used for a special preparation of coffee substitute. Cultivate and sow Chicory same as parsnips. Packet, 5c; oz., 20c; 1/4 lb., 40c; lb., \$1.50; postpaid.

**C218 Garden Cress** A pungent early green salad, containing much iron, and therefore a special health builder. This is a special variety that can be grown in most any ordinary garden soil. Sow Garden Cress early, just as soon as you can work the ground; sow it thick, cut when 3 inches high. Packet, 5c; oz., 15c; 1/4 lb., 40c; postpaid.

### CORN SALAD

**C216 Field Salad** Known under many names, such as Acersalad, Rapunzchen, etc. Large leaved. During winter and early spring a tasty substitute for lettuce. It is picked when 2 inches high, and is sown thick, in rows or broadcast. Packet, 7c; oz., 20c; 1/4 lb., 40c; lb., \$1.15; postpaid.

### ENDIVE

**C286 Green Curled Endive** (40 days) Endive does well most anywhere, lasts well in the fall; for a delicious salad very good. Sown in mid-summer for fall crop. This is the curled variety. Packet, 5c; oz., 20c; 1/4 lb., 35c; postpaid.

**C290 Giant Fringed Winter** (40 days) Best for late planting, large leaves, very curly, of fine flavor, keeps well. Packet, 7c; oz., 20c; 1/4 lb., 35c; postpaid.

**C288 Broad-Leaved Batavian** (45 days) Large summer variety, very good. Packet, 5c; oz., 15c; 1/4 lb., 30c; postpaid.

**C352 Improved Hanson** (47 days) One of the most reliable, sure-heading sorts. Heads globular, but later than my Sonderegger's Extra Early Head. The two together make you an extra long season of fresh lettuce. I recommend them for the Middle West. Leaves large, broad, fairly blistered and crimped. Color light green, fine quality. Withstands warm weather pretty well. Also an excellent lettuce for August planting. Packet, 7c; oz., 20c; 1/4 lb., 35c; lb. \$1.25; postpaid.

**C354 Sonderegger's Butter-head** (45 days) Best all around lettuce, extra good for forcing and summer use, as it resists the heat fairly well. Can be grown most anywhere. Quality as good as the best. Packet, 10c; oz., 25c; 1/4 lb., 40c; lb., \$1.35; postpaid.

**C356 May King** One of the earliest varieties. Heads medium size, very solid. Outer leaves smooth, light green; inner leaves light yellow and very crisp. Fine quality. Packet, 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.35; postpaid.

**C366 Early Curled Simpson** (35 days) One of the most widely used varieties of lettuce, especially for home use. It is early, hardy, dependable. Makes large crimped leaves forming a compact bunch at the center of the plant. Makes no heads. Leaves tender, sweet, of light green color, and excellent quality. Plant this variety to give you lettuce for use before head lettuce could be ready to use. Packet, 7c; oz., 20c; 1/4 lb., 35c; lb., \$1.25; postpaid.

**C367 Black Seeded Simpson** Grown extensively where a non-heading (bunching) lettuce is required. The plants grow quickly to a large size. Outer leaves light yellowish green, crisp, of fine texture, and exceptionally fine flavor. Early and good quality. Packet, 5c; oz., 15c; 1/4 lb., 35c; lb., \$1.25; postpaid.

**C350 Sonderegger's Extra Early Head** A splendid new lettuce for home use as well as the market. Heads are of medium size, solid, round; the leaves are light green, outer leaves slightly tinged brown, and inner leaves bright yellow. A lettuce that is rich in flavor, buttery, crisp and tender. Hardy as well as extra early, and can be sown early as it resists frost. Where head lettuce must be early maturing in order not to come into hot weather, this lettuce is as good as the best. Packet, 10c; oz., 25c; 1/4 lb., 40c; lb., \$1.40; postpaid.

**C358 Prizehead** This is an early loose heading lettuce, most desirable for home use. Heads of medium size, crisp and tender. Color light brown on a medium green base. Leaves crimped with highly fringed edges. The best brown-leaved lettuce for the Middle West. Packet, 5c; oz., 18c; 1/4 lb., 35c; postpaid.

### "BIG 3" LETTUCE COLLECTION

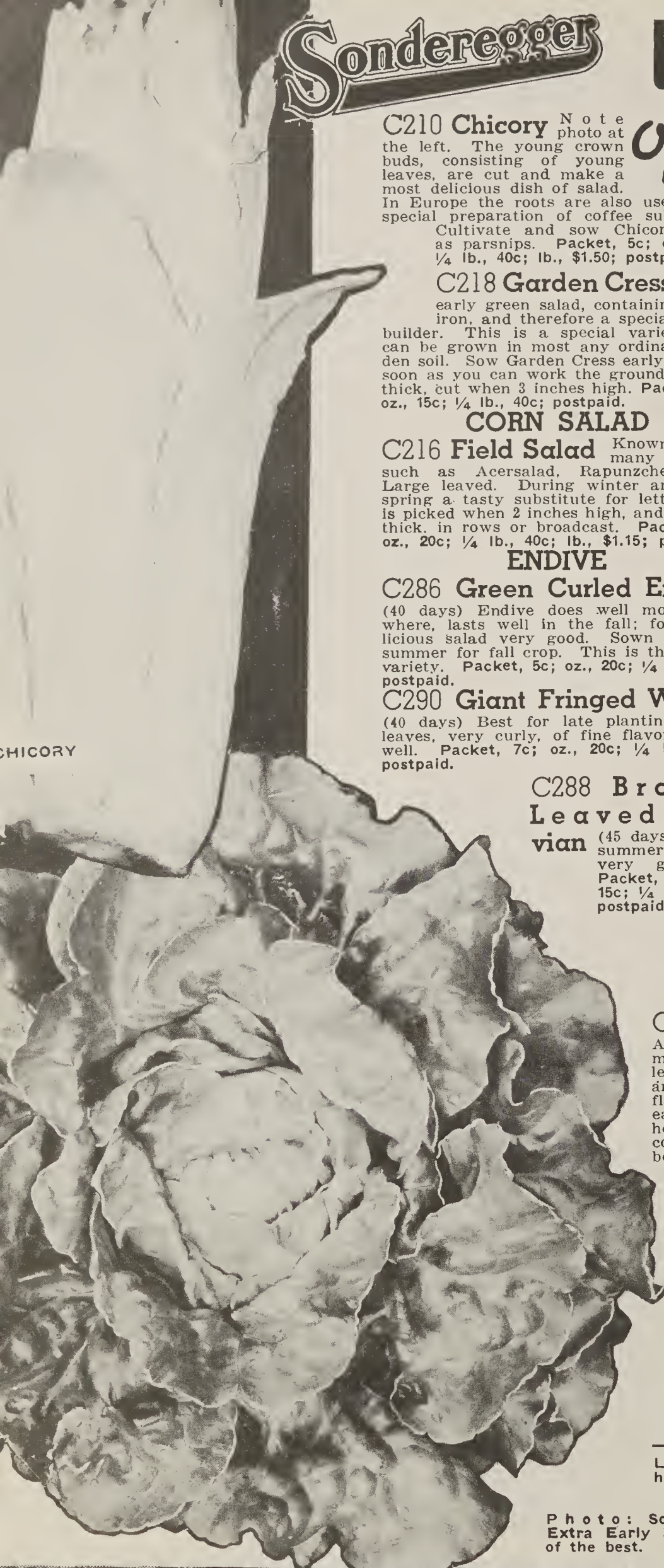
1 packet of each:  
Early Curled Simpson  
Sonderegger's Extra Early Head  
Improved Hanson

All for **17c** Post-paid.

Lettuce is a cool weather plant. Sow seed early, or in hotbeds or cold-frames. (See page 67.) Transplant as early as frost is out of ground, or thin out as soon as the seedlings are 2 to 3 inches high. Should stand 8 to 10 inches apart. For fall make a sowing in August, I can furnish fresh seed in the summer.

Photo: Sonderegger's Extra Early Head. One of the best.

CHICORY





# Everything in ONIONS

## C440 Yellow Globe Danvers

(120 days) Yellow, large onions of globe shape. They are very solid, white meated. A very good onion for market and home. Packet, 5c; oz., 20c; ¼ lb., 50c; lb., \$1.70; postpaid.

## C450 Yellow Bermuda

Of straw-yellow color, and very mild. My seed is the true Teneriffe-grown strain, very early, even in the North; highly productive. Packet, 7c; oz., 25c; ¼ lb., 70c; lb., \$2.40; postpaid.

## C436 Large Red Globe

(110 days) Probably the first of all Red Onions. Bulbs perfectly round, of good size, and with small neck. Color deep purplish red. Flesh white, tinged pink, with good strong onion flavor. Very productive, and a good keeper. Packet, 7c; oz., 30c; ¼ lb., 75c; lb., \$2.65; postpaid.

## C446 Large White Globe

(120 days) Immense yielder, keeping until late fall, and is of finest quality, very large. Packet, 10c; oz., 30c; ¼ lb., 85c; lb., \$3.25; postpaid.

## C435 White Pearl

The best onion to use with pickling cucumbers, or or pickling alone. Very early, bulbs small, sivery white, from 1½ to 1¾ inches in diameter. For pickles they are used when half grown. They are mild. Packet, 10c; oz., 25c; ¼ lb., 65c; lb., \$2.50; postpaid.

## ONION SETS

	Not Prepaid	Prepaid
	1 lb.	10 lbs.
C458 White, nice sets...	30c	\$2.65
C460 Red Onion Sets...	25c	2.40
C462 Best Yellow Sets...	25c	2.25
C464 White Multiplier...	30c	2.65

## C472 Winter Onion Sets

Plant them in the fall. I can furnish them at that time or in the spring. The fall planted sets produce very fine green onions for early spring use. The spring planting makes good top sets by fall. Everybody who cares for onions should have this variety in the garden. Per pound, 25c; 5 lbs., 80c; postpaid.

## C432 Sonderegger's Prizetaker

Be sure to include this variety in your planting. The onions grow quite large from seed, of globe shape (note photo lower right), and light straw color. Flesh pure white, of finest quality, rather mild. Wonderfully productive, and keeps well for winter use or late market. Take your onions up as soon as the tops are dry. Packet, 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00; postpaid.

## C448 Silver Skin or White Portu-

gal (95 days) Large flat onion (note photo lower left) of pleasant flavor, mild, and keeping well. For winter use, for pickles, and for bunching you will like them. Packet, 10c; oz., 25c; ¼ lb., 65c; lb., \$2.25; postpaid.

## C456 White Welsh

For green onions, makes no bulbs, but puts out many shoots, making it one of the best for green onions, which are mild, and better than green onions from sets. Packet, 10c; oz., 20c; ¼ lb., 60c; lb., \$2.50; postpaid.

## C434 Large Red Wethersfield

(100 days) Flat in shape, growing to a large size. Outer skin is red, while the center is purplish white. An onion of excellent quality, and a good keeper. Packet, 5c; oz., 15c; ¼ lb., 60c; lb., \$1.85; postpaid.

## C473 Bermuda Onion Plants

Plant as soon as the ground is warm. My special new strain is far superior to the common Bermudas, being milder, and making fine onions at all times, from green onions to large finished bulbs. Bundles containing from 75 to 100 plants. Per bundle, 20c; 5 bundles, 80c; 10 bundles, \$1.60; postpaid. On plants per crate please write for price.

## C748 Garlic

Very pungent. Grown for seasoning. Large bulbs (break them up to sets). 5c each; ¼ lb., 12c; lb., 40c; postpaid.

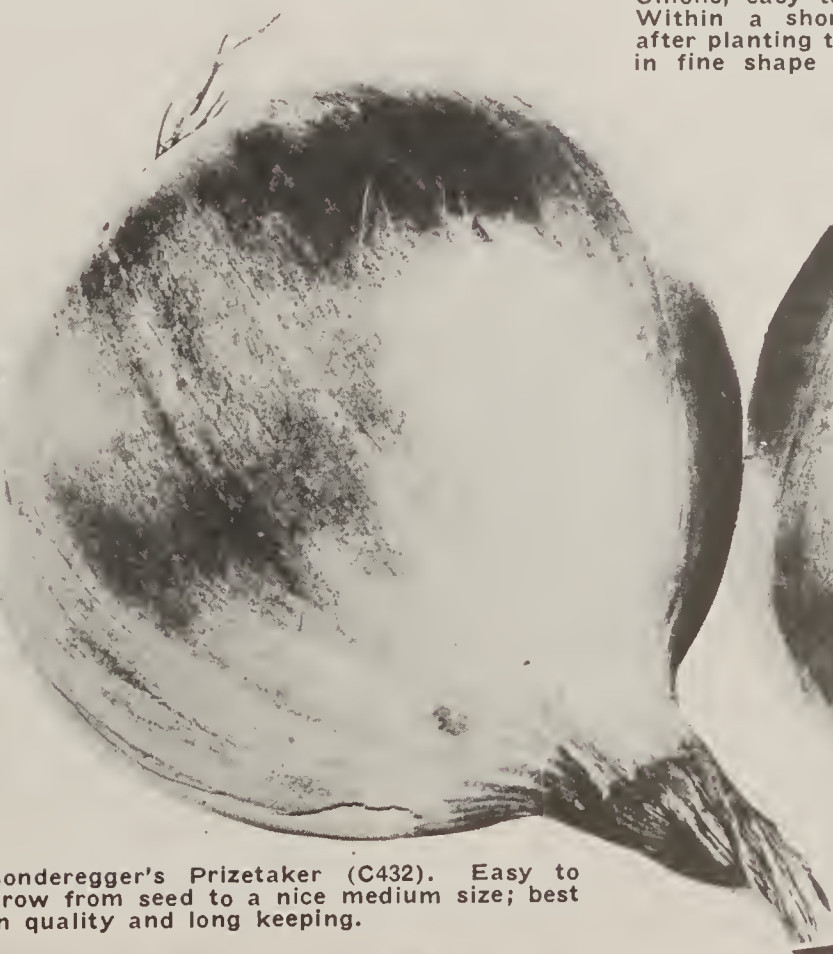
## C346 Leek

The large London variety. Mild, for flavoring soups, or cooked like creamed onions. Packet, 10c; oz., 30c; postpaid.

Above: Bermuda Onions, easy to grow. Within a short time after planting they are in fine shape to use.



Silver Skin (C448). One of the finest onions of the white type for all around use that you can grow.



Sonderegger's Prizetaker (C432). Easy to grow from seed to a nice medium size; best in quality and long keeping.



FOR SALE  
*Health*

# CELERY SPINACH

## CELERY

### C272 Sonderegger's Self-Blanching

(118 days) One of the very best for the Middle West, as it resists heat and drought well. Medium in height, stocky, and very compact. Foliage yellowish-green. Stalks very solid, broad and of delicate flavor. Blanches very early by wrapping plants with paper and banking up with soil. Keep the bed moist. Packet, 10c; ½ oz., 30c; oz., 45c; postpaid.

**C276 Giant Pascal** (140 days) Of all late sorts, this is the best keeper. Very solid and crisp; the preferred variety for the market. Packet, 10c; ½ oz., 25c; oz., 40c; postpaid.

### C274 Golden Self-Blanching

(120 days) The leading early market sort. Stalks are broad and heavy, the quality is very outstanding. Ribs are perfectly solid, crisp, brittle and of delicious flavor. For home use I recommend this variety and No. 272; for market I would prefer No. 274. Packet, 10c; ½ oz., 20c; oz., 35c; postpaid.

## CELERIAC

**C282 Sonderegger's Best** (120 days) A new Celeriac with large white roots, very smooth. The best in quality and flavor. Grow celeriac in the shade with plenty of moisture; in transplanting the seedlings, plant very shallow and mulch with short straw or Peat Moss. Water frequently. Packet, 10c; oz., 35c; postpaid.

## PARSLEY

**C474 Champion Moss Curled** (65 days) One of the best for home use; leaves extra large, deep rich green, very curly. Packet, 7c; oz., 15c; ¼ lb., 25c; postpaid.

**C478 Hamburg** (100 days) Turnip-rooted; of this variety the roots as well as the tops are used. Should have a shady bed and frequent watering. Packet, 7c; oz., 15c; ¼ lb., 25c; postpaid.

## KALE or BORECOLE

### C110 Dwarf Green Curled

One of the best for market. Stands the hot weather well, and is at its best after frost in the fall. Packet, 10c; oz., 25c; ¼ lb., 80c; postpaid.

### C112 Dwarf Purple Curled

The leaves turn a deep purple, in best shape after frost in late fall; a very good variety for home use. Packet, 7c; oz., 20c; ¼ lb., 60c; postpaid.

### C114 Tall Green Curled

**Scotch** The quality is much improved by fall frost; can also be dried for winter use. This is the tall growing sort with green leaves. Packet, 10c; oz., 20c; ¼ lb., 60c; postpaid.

## SPINACH

An entire drug store could not contain more for the best of your health as fresh vegetables. Amongst them, and on first place, stands Spinach. Grow more of it, eat more of it; let vegetables preserve your health.

**C592 Victoria** (50 days) Heavy, broad, dark green leaves. Fine quality. This spinach remains in prime condition for several weeks. Packet, 5c; oz., 10c; ¼ lb., 20c; lb., 50c; postpaid.

**C594 Long Standing** (50 days) This is a good bearing variety and of very fine quality. The chief advantage, however, is the fact that it does not go to seed until quite late in the producing season. Packet, 5c; oz., 12c; ¼ lb., 20c; lb., 45c; postpaid.

**C192 Swiss Chard** (28 days) Also called Mangold. Produces immense quantities of light green leaves from spring until late fall. Even early frost does not affect Swiss Chard, and where the winters are not very severe a cover of straw over winter will get Swiss Chard through in good shape. This plant belongs to the beet family, but is used only for its leaves which are prepared same as spinach, and differ only in the lighter color. Packet, 5c; oz., 10c; ¼ lb., 25c; postpaid.

### C596 New Zealand or Ever-bearing

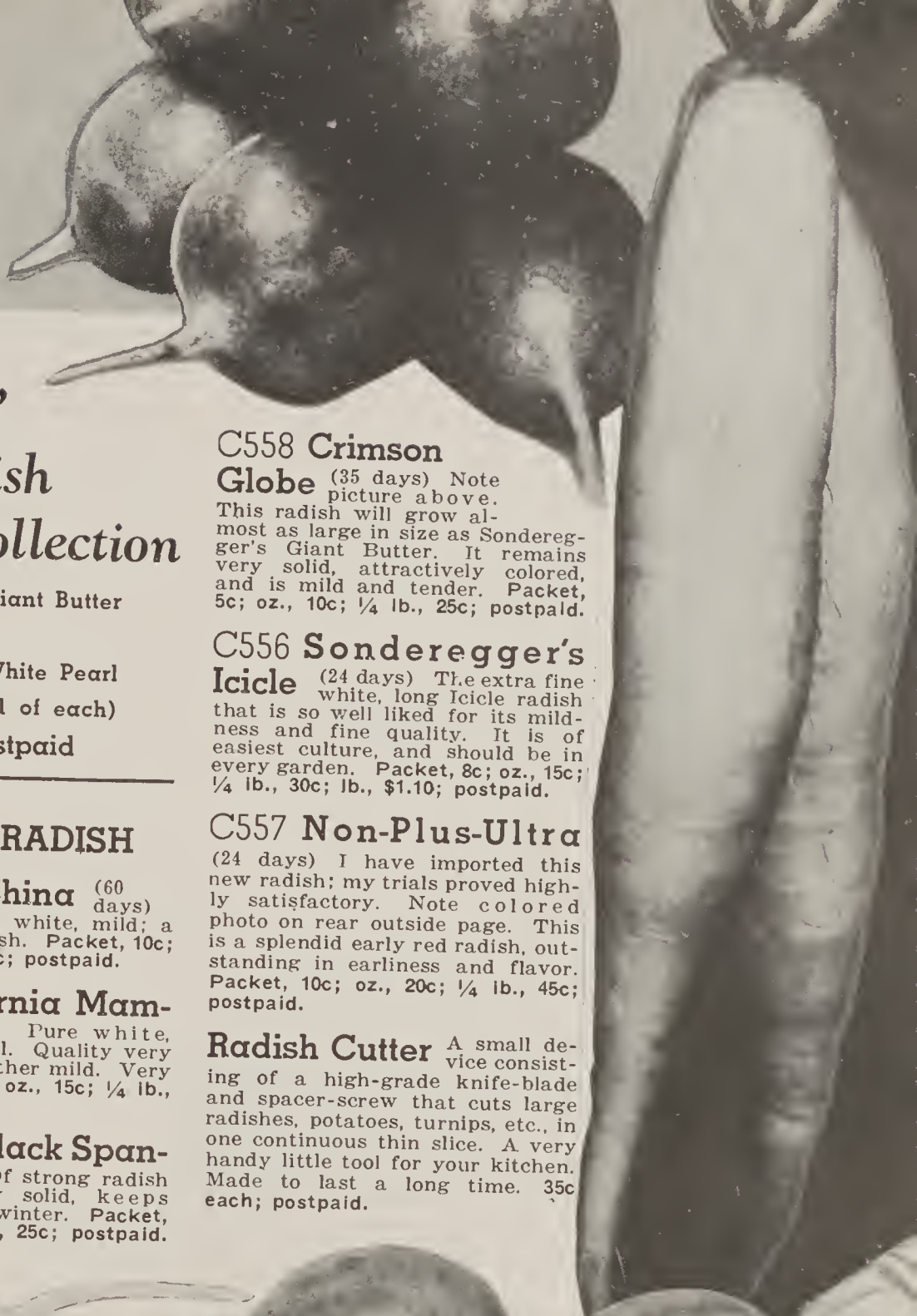
Boys and girls, this is "Popeye's" favorite dish. You make no mistake whenever you fill up on this spinach. New Zealand is slow to germinate, requiring from two to three weeks to come up, but after that it makes a rapid growth. Furnishes enormous quantities of fresh, clean leaves all through the summer until frost in the fall. Cut off the fresh branches and strip the leaves from those for kitchen use. A bed of this variety should be in every garden. Plant when danger of freezing is over. Hot weather does not bother this spinach. There is no other plant that would resist heat and drought so well. It is not attacked by insects. Packet, 8c; oz., 12c; ¼ lb., 25c; lb., 75c; postpaid.

**C591 King of Denmark** The leading market variety. The large leaves are very thick, rounded, dark green, and blistered. The plants form quite large tufts, compact and low. Quite early but still remains in fine condition for some time and assures a long bearing season. Packet, 5c; oz., 15c; ¼ lb., 20c; lb., 50c; postpaid.

SONDEREGGER'S SELF-BLANCHING CELERY, AND KING OF DENMARK SPINACH, TWO FINE VEGETABLES THAT YOU WILL ENJOY.



# Sonderegger RADISHES



**C553 Sonderegger's Giant Butter** See lower right hand corner. The finest dark red, round radish, with white root-tips, pure white flesh, crisp, always in prime shape for the table. Does not get pithy. Should be in every garden. Packet, 10c; oz., 20c; 1/4 lb., 40c; lb., \$1.40; postpaid.

**C568 French Breakfast** (25 days) Bright scarlet, with white tip, oval shaped. It is of fine quality but must be used as soon as full grown, as it does not stay crisp very long. Packet, 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**C562 Sonderegger's White Pearl** (21 days) New; the only pure white radish that matures so early, combining uniform size, extra fine flavor, and unsurpassed crispness. Tops small, radish good medium size, round. Try this fine radish; you will be well pleased. Packet, 10c; oz., 20c; 1/4 lb., 40c; lb., \$1.40; postpaid.

**C555 Early Bird** (20 days) Rich scarlet color, flesh snow white and crisp, the outstanding early radish on the market. Packet, 7c; oz., 15c; 1/4 lb., 30c; postpaid.

**C554 Sparkler** (20 days) Deep scarlet with a pure white tip, nearly round. This radish has long been the favorite for market and home use. It is early, solid, crisp; a radish you will like. Packet, 5c; oz., 12c; 1/4 lb., 25c; postpaid.

## "Big 3" Radish Collection

Sonderegger's Giant Butter

Sparkler

Sonderegger's White Pearl

3 Packets (1 of each)

20c Postpaid

## WINTER RADISH

**C580 Rose China** (60 days) Bright rose, flesh white, mild; a very fine late radish. Packet, 10c; oz., 15c; 1/4 lb., 30c; postpaid.

**C582 California Mammoth** (65 days) Pure white, keeps well. Quality very good, crisp and rather mild. Very good. Packet, 5c; oz., 15c; 1/4 lb., 30c; postpaid.

**C584 Long Black Spanish** (72 days) Of strong radish flavor, very solid, keeps well through the winter. Packet, 5c; oz., 12c; 1/4 lb., 25c; postpaid.

**C558 Crimson Globe** (35 days) Note picture above. This radish will grow almost as large in size as Sonderegger's Giant Butter. It remains very solid, attractively colored, and is mild and tender. Packet, 5c; oz., 10c; 1/4 lb., 25c; postpaid.

**C556 Sonderegger's Icicle** (24 days) The extra fine white, long Icicle radish that is so well liked for its mildness and fine quality. It is of easiest culture, and should be in every garden. Packet, 8c; oz., 15c; 1/4 lb., 30c; lb., \$1.10; postpaid.

**C557 Non-Plus-Ultra** (24 days) I have imported this new radish; my trials proved highly satisfactory. Note colored photo on rear outside page. This is a splendid early red radish, outstanding in earliness and flavor. Packet, 10c; oz., 20c; 1/4 lb., 45c; postpaid.

**Radish Cutter** A small device consisting of a high-grade knife-blade and spacer-screw that cuts large radishes, potatoes, turnips, etc., in one continuous thin slice. A very handy little tool for your kitchen. Made to last a long time. 35c each; postpaid.



**C554 Sparkler** This radish and all other varieties listed on this page have been selected to give you the best in radishes. Varieties that I have tried, and know they will please you.

**C553 Sonderegger's Giant Butter** The radish that does not get pithy.



# Sonderegger TOMATOES

## *Selected for* BETTER BEARING

**C626 Pritchard or Scarlet Topper** (Note colored photo rear outside cover.) Extremely solid and heavy with thick walls of deep scarlet. Very productive; one of the best for home use in the Middle West. Packet, 10c; 1/2 oz., 20c; oz., 30c; postpaid.

**C623 The New Penn State** A medium to large, globular tomato. Of rich uniform scarlet color, flesh dark red of superb quality, with very little core, and few seeds. It is early (115 days from seed) and an extremely heavy producer, withstood heat and dry weather well. Packet, 10c; 1/2 oz., 25c; postpaid.

**C624 Beebe's Early Prolific** For your home supply this is one of the most dependable, early and prolific bearers. A very good plant. Packet, 8c; oz., 30c; postpaid.

**C629 New Marglobe** Second early, large, round and smooth, purplish red. A strong grower and heavy bearer. Fine for home use and market. Packet, 10c; oz., 35c; postpaid.

**C630 Oxheart** One of the largest tomatoes grown. Very solid with few seeds, fine flavor and quality, bears late. Packet, 10c; 1/2 oz., 35c; oz., 60c; postpaid.

**C628 Spark's Earliana** (95 days) Large, fine quality. Grows compact, stoutly branched, and bears well. Packet, 5c; oz., 20c; postpaid.

**C638 Ponderosa** (110 days) Extra large fruit, solid, fleshy, with small seed cells. Deep purplish pink, fair quality. Packet, 10c; oz., 60c; postpaid.

**C640 New Stone** (115 days) Large, scarlet, smooth and ripening evenly without cracks. For main crop. Packet, 5c; oz., 30c; postpaid.

**C646 Golden Queen** (110 days) Finest large yellow tomato, smooth, ripening evenly. Produces well. Packet, 5c; oz., 35c; postpaid.

**C625 Albino—White** (100 days) Contains no acid. Ivory white, no trace of red. Solid white flesh, very good. Packet, 10c; oz., 40c; postpaid.

**C648 Yellow Pear** (95 days) A small tomato, bright yellow, pear shaped, rich in flavor, and producing in greatest abundance. Packet, 10c; postpaid.

### "BIG 3" TOMATO COLLECTION

1 PACKET OF EACH:  
SPARK'S EARLIANA  
PRITCHARD  
NEW STONE

**18c** Postpaid.

**C654 Ground Cherry** Husk or Strawberry Tomato. Golden yellow, the size of a cherry; enclosed in a husk. Cooking direction on the packet. Packet, 10c; postpaid.

Penn  
State

New Marglobe.

At left: A snapshot from a customer.



# PEPPERS

## EGG PLANT

**C284 Spineless** See photo page 64. This is the improved Spineless variety, the best for home use or market. The plant is spreading, bearing well. The broad, oval, dark purple, glossy fruits are of superior quality. For the table peel and slice the fruit, boil until tender, drain off water, add 1 egg well beaten and  $\frac{3}{4}$  cup dry bread crumbs, salt and pepper to taste. Mold in small cakes and fry brown on both sides. Serve hot. Packet, 10c;  $\frac{1}{2}$  oz., 25c; oz., 45c; postpaid.

## PEPPER

**C525 Harris Early** The earliest for use, and a heavy bearer, fruit medium to large size, dark red when fully ripe, and very sweet. Fine for stuffed peppers and salads. Packet, 10c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.35; postpaid.

**C522 Sonderegger's New Royal** Note photo at lower left corner. Exceptionally thick meated, very mild, perfectly sweet and free from pungency. Can be eaten like apples. Plant bears well, an excellent pepper for home use or for market. Packet, 15c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.35; postpaid.

**C524 Chinese Giant** Extra large fruit with thick flesh which is mild and sweet, of scarlet color. Plant a strong grower and heavy bearer. Packet, 8c;  $\frac{1}{2}$  oz., 25c; oz., 40c;  $\frac{1}{4}$  lb., \$1.35; postpaid.

**C532 Sonderegger's Perfection Pimiento** Thick meated, extra mild and delicious. Smooth, uniform in shape, skins slip off easily after being burned lightly over a flame or boiling a few minutes. Beautiful scarlet when fully ripe, and bears well until frost in the fall. This pepper should be in every garden. Packet, 15c;  $\frac{1}{2}$  oz., 25c; oz., 35c; postpaid.

**C528 Red Cayenne—"Hot"** A long, slim pod, bright red when ripe. Very strong and pungent; used for flavoring in pickles, chili sauce, etc. Packet, 8c;  $\frac{1}{2}$  oz., 25c; oz., 40c; postpaid.

# TURNIPS

One ounce of Turnip seed will sow 125 feet of drill; 2 pounds of seed per acre, or 3 pounds if sown broadcast. Sow in July or August.

**C656 Extra Early Purple Top Milan** (40 days) Medium size, smooth, leaves short and few. Fine grained, very good quality. Packet, 5c; oz., 12c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

**C658 Extra Early White Milan** (40 days) A duplicate of the above variety, except that the skin is white. Packet, 5c; oz., 12c;  $\frac{1}{4}$  lb., 20c; lb., 75c; postpaid.

**C660 Early White Flat Dutch** (45 days) Medium size, sweet and tender, very fine quality. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c.

**C662 Purple Top Strap Leaf** (58 days) Few leaves, the turnip keeps well. It is round, flat, good size and quality. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**C664 Early Snowball** (65 days) Globe shaped, white skinned, very fine grained, and of good flavor. Extra good for main crop. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**C668 Golden Ball** (70 days) Small but very good in flavor and firmness. It is yellow. Packet, 5c; oz., 15c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

**C666 Purple Top White Globe** (70 days) Firm, fine grained, white and of fine flavor. Keeps well, and produces heavily. One of the best for market. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

## RUTABAGA or SWEDES

Recommended for Northwest and East.

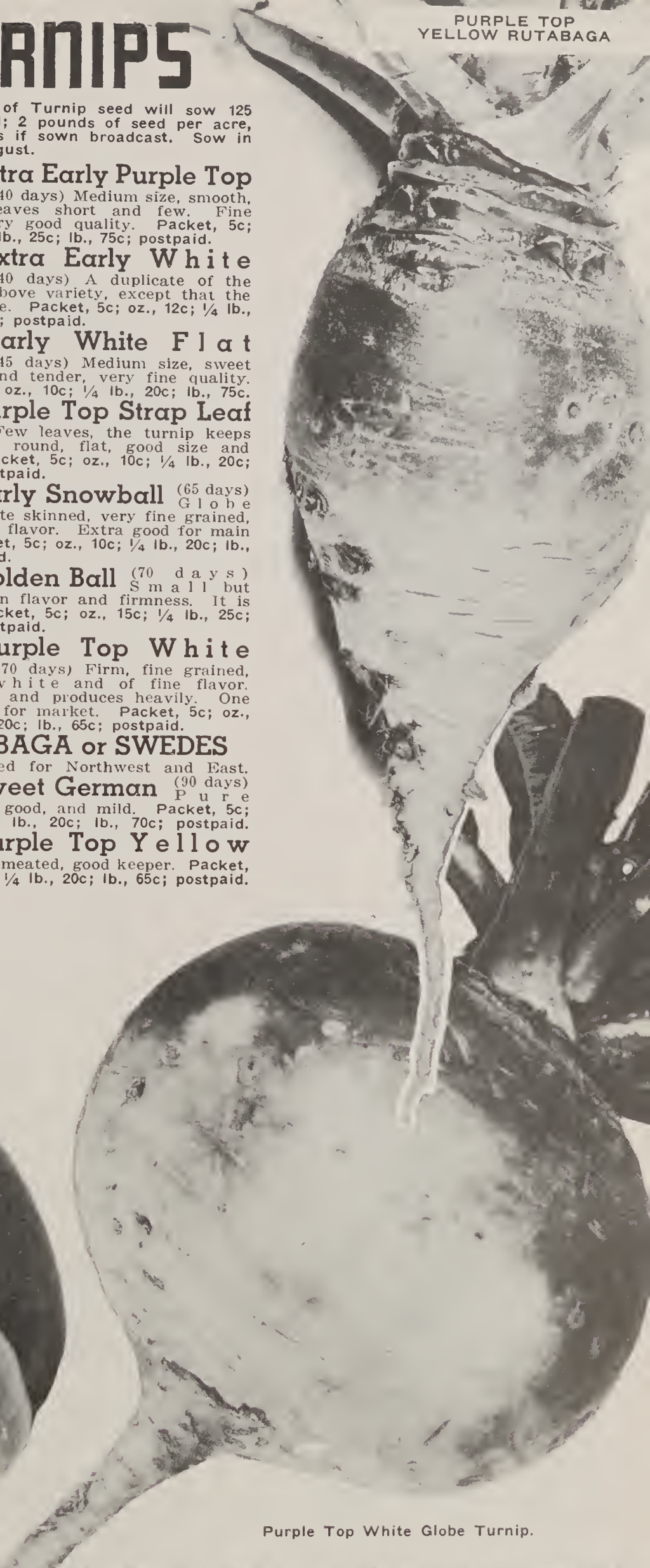
**C672 Sweet German** (90 days) Pure white, very good, and mild. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c; postpaid.

**C676 Purple Top Yellow** Best yellow meated, good keeper. Packet, 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

PURPLE TOP  
YELLOW RUTABAGA



SONDEREGGER'S  
NEW ROYAL PEPPER



Purple Top White Globe Turnip.



# Special VEGETABLES AND HERBS

## ASPARAGUS

**C106 Columbian Mammoth** White. This variety grows large, thick white and tender stalks. The market grower's favorite. Packet, 5c; oz., 15c; ¼ lb., 25c; postpaid.

**C101 Washington Asparagus** It is almost entirely rustproof. A large, thick white variety, of splendid quality. The best for the Middle West. Of this variety I can also furnish you nice strong plants, ready to start producing within a year. See page 17. Packet, 10c; oz., 15c; ¼ lb., 45c; lb., \$1.50; postpaid.

## MUSTARD

**C376 White Mustard** Best for kitchen use. The seeds are used for making dill pickles. Packet, 5c; oz., 10c; ¼ lb., 30c; lb., 60c; postpaid.

**C378 Southern Giant Curled** Highly esteemed in the South where the seed is sown in the fall and plants used in early spring for salads. Packet, 5c; oz., 10c; ¼ lb., 35c; lb., 60c; postpaid.

## GARDEN HUCKLEBERRY

**C521** This is an annual plant, similar to the true Huckleberry, the fruit being deep purple, nearly black, a little smaller than the berries of Concord Grape. Should be cooked with sugar and lemon for flavoring. It is good for preserving. Plants grow 3 feet high, and bear abundantly. Culture same as of tomatoes. Packet, 10c; postpaid.

## LENTILS

**C348** Belonging to the staple groceries, especially in European countries. Used very much in soups, and for winter use they are preferred to peas. Cultivation is the same as of peas. Packet, 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

## TOBACCO

One ounce of seed will make enough plants to set out an acre. Mix the soil of the seed bed with wood ashes, sow seed shallow. When plants are about 6 inches high, transplant in rows 4 ft. apart.

**C598 Connecticut Seed Leaf** Best for the Middle West and Northern states. Packet, 5c; oz., 25c; postpaid.

**C600 White Burley** Largely grown for fine cut plug tobacco. It is a very good variety. Packet, 5c; oz., 25c; postpaid.

**C602 Havana** Well known, large leaved tobacco, especially adapted to the manufacture of cigars. Packet, 5c; oz., 30c; postpaid.

## GARLIC

**C748** Bulbs which are composed of a number of "toes" which are either used for planting, or for seasoning. It is a most pungent variety of onions, and grown for seasoning, also for medicinal purposes. Large bulb, 5c; ¼ lb., 12c; lb., 40c; postpaid.

I can furnish you seeds most any time during the summer and fall, depending on their respective planting seasons. A stock of fresh seed is always carried on hand to fill your orders promptly.

## PEANUTS

They do best in a light soil. Dry weather does not affect them. Insects don't bother Peanuts. Take them up, tops, Peanuts and all just before frost in the fall. Allow them to dry out in the air. Plant in rows, 4 feet apart, the nuts in the drill row 8 inches apart. Peanuts are very easy to grow, let your children have a little garden space, they will get much enjoyment out of the Peanuts they grow themselves.

**C484 Mammoth Virginia** The most profitable variety to grow for home use or market, as the nuts are quite large. The plant grows erect, with upright foliage. Packet, 7c; ½ lb., 18c; lb., 30c; postpaid. Not prepaid, 5 pounds, 85c.

**C486 Early Spanish Peanuts** The earliest variety grown, pods small, remarkably solid, and well filled. Of this variety the rows can be planted 3 feet apart. Packet, 7c; ½ lb., 18c; lb., 30c; postpaid. Not prepaid, 5 pounds, 85c.

## ARTICHOKES

**The Genuine Jerusalem Artichoke** Planted just like potatoes, cut the tubers up to weigh about an ounce each, plant in rows 18 inches apart, the rows 3 feet apart, and cultivate like corn. Plant any time in the spring as soon as the soil can be worked. This Artichoke is hardy, you can dig them in late summer or fall, or any time during the winter or next year, just as you need them. They keep best in the ground. They are used just like potatoes, for French fried or boiled with the jacket on. All your surplus makes a splendid feed for hogs. Just turn them in the field, the hogs will do their own harvesting. This plant is grown also on a large scale for commercial purposes (commercial alcohol production). Per pound, 35c, postpaid. Not prepaid, 10 lbs., \$1.00; 50 lbs., \$2.25; 100 lbs., \$4.00; 500 lbs., \$19.50; bags included.

Photo above:  
Mammoth  
Virginia  
Peanuts,  
fresh from  
the ground.

## MUSHROOM

Simple to Grow.

Can furnish the fresh Mushroom spawn in bottles, or the dried Mushroom spawn in bricks. For fresh spawn in bottles, which are available only from time to time I wish to have an allowance of 10 days to fill your order. The bricks can be furnished any time. In old barns, caves, sheds you can grow Mushrooms for home use or for market where they usually bring good prices. Fresh spawns in bottles, \$1.10 per bottle. Brick Spawn, 50c per brick; postpaid.

**C372 "How to Grow Mushrooms"** A small booklet which gives you all information for a successful planting. 50c each, postpaid.

## OKRA or GUMBO

**C380 White Velvet Okra** Produces extra large pods. The young seed pods of this Southern plant are used for the well known and delicious "Gumbo" soups, or with chicken soups. Its smooth, glutinous taste is much liked, a desirable vegetable. Okra is easy to grow, the plant is a vigorous grower, and resists the dry and hot weather well. Plant in the spring as soon as danger of frost is over, and transplant the seedlings later to stand 18 to 24 inches apart; cultivate like corn. Begins to furnish nice pods by midsummer. Packet, 5c; oz., 10c; ¼ lb., 25c; postpaid.



**"IF YOU CANNOT  
FIND IT  
ANYWHERE  
ELSE**

**Sonderegger**

**HAS IT"  
HERBS**

FOR FLAVORING, SEASONING, MEDICINAL PURPOSES.

(A) Annual Varieties.

(P) Hardy Varieties (Perennial)

**C678 Anise** (A) For seasoning. Seeds of aromatic taste. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; postpaid.

**C679 Artemesia** Or Wormwood. (P) Fragrant, spicy odor, bitter taste. Leaves used as tonic, and poultry medicine. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; postpaid.

**C682 Basil, Sweet** (A) Leaves used for flavoring soups and stews. Pkt., 10c; oz., 50c; postpaid.

**C684 Borage** (A) Leaves used in salads. Flowers excellent for bees. Pkt., 10c; oz., 50c.

**C688 Caraway** (A) Seeds used for flavoring, and in bread. Pkt., 10c; oz., 25c; ¼ lb., 60c; postpaid.

**C689 Chamomile** The dried flowers are made to a tea, of antiseptic and emetic. Caution should be taken to avoid reseeding; pick the blossoms, then destroy the plants; they are apt to become a pest. Pkt., 15c.

**C696 Dill** (A) Leaves and seeds used in flavoring. Also with dill pickles. Pkt., 7c; oz., 25c; ¼ lb., 60c.

**C698 Fennel** (A) Leaves for garnishing, seeds for flavoring. Pkt., 10c; oz., 45c; postpaid.

**C700 Lavender** (A) Flowers used for making perfumes. Dried leaves in bags used to perfume linen, also against moths. Pkt., 10c; oz., 45c; postpaid.

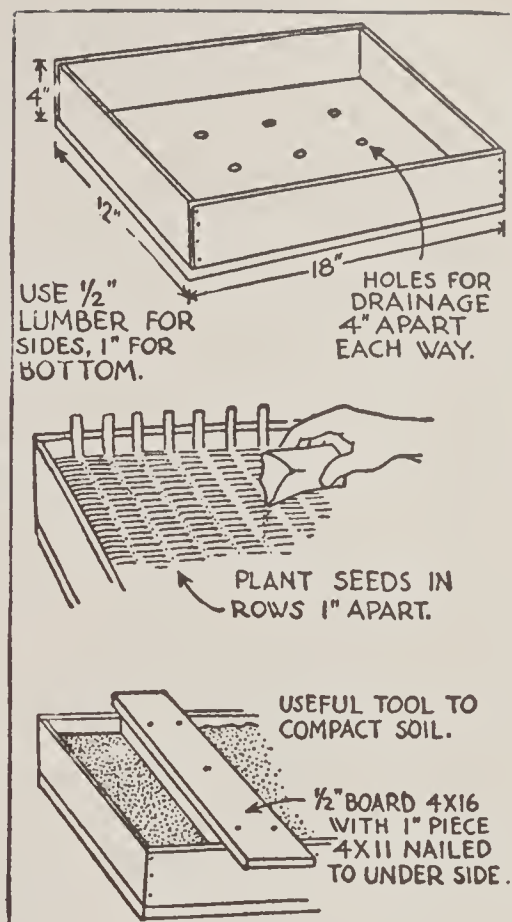
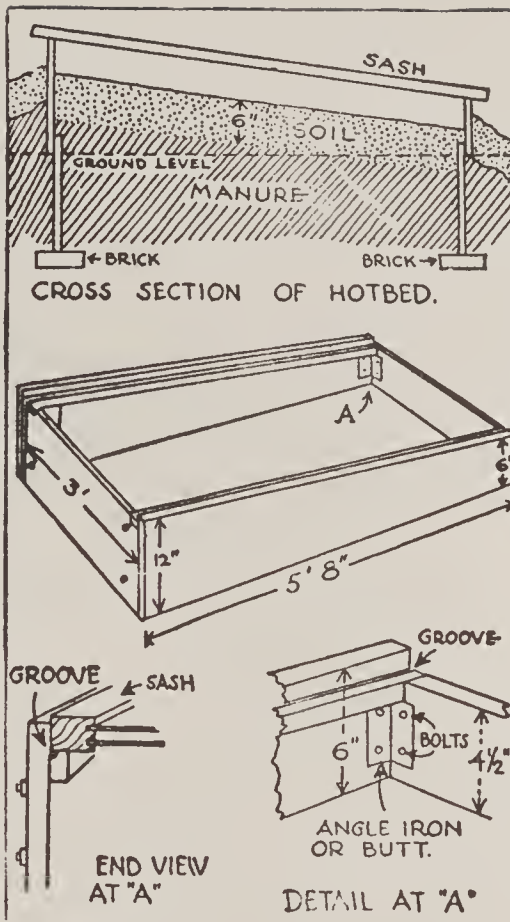
**C701 Rosemary** Aromatic leaves for flavoring meat. Plants reach full size the second year. Pkt., 15c; ½ oz., 45c; postpaid.

**C702 Marjoram** (A) Leaves and shoots may be dried for winter use. Good for flavoring. Pkt., 10c; oz., 60c; postpaid.

**C703 Saffron** (A) Pick flowers while in full bloom; used for coloring. Pkt., 15c; oz., 50c; postpaid.

**C705 Peppermint** Leaves and stems very aromatic. Pkt., 15c; ½ oz., 60c; postpaid. We have plants also, 3 for 40c, postpaid.

**C706 Sage** (P) Leaves for seasoning and dressing. Pkt., 10c; ½ oz., 50c; postpaid. We can also furnish plants at 30c each; 3 for 75c; postpaid.



First make a frame to fit the size of your windows or hotbed sash. The back side of your frame being twelve to fourteen inches high, while the front side should be six to eight inches high. Then dig a hole to the size of your frame, same should be two feet deep, this filled with about two feet of stable manure which has not gone through the heat, and tamped and well packed. Cover this with about eight inches of good rich soil, and this should fill your hotbed to within five inches of the lower end of your frame. The ground should be smoothed off level and left for two or three days until it has had time to get warm. The seed planted, covering about one-half inch. The hotbed sash should be put on top of the hotbed. The hotbed should be made on the south side of a building or in any protected place where it gets plenty of sunlight. After your plants are started, on warm days when it is above freezing, the lower end of the hotbed sash could be raised a little to give the plants more air.

**C708 Sorrel** Large Leaved. (A) For boiling greens. Cooked like spinach. Pkt., 10c; oz., 40c; postpaid.

**C710 Summer Savory** (A) Fine flavoring for beans. Pkt., 10c; ½ oz., 40c; oz., 65c.

**C711 Woodruff** Or Waldmeister. (Asperula Odorata) Used in wine and also perfuming clothes. Pkt., 15c.

**C712 Thyme** (A) Young leaves for soups and dressings. Tea as a cure for nervous headache. Pkt., 10c; oz., 40c; postpaid.

**C278 Celery Seed for Flavoring** Seed of Celery that is used for seasoning only. Oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.

## HERBS—Dried Leaves

A good many of our customers find it more convenient to use the dried leaves of herbs instead of growing and curing them in the home garden. The dried leaves are not put up in less than 1 oz. packets. Prices all postpaid.

C722 Basil, Sweet. Oz., 20c; ¼ lb., 90c.  
C726 Lavender. Oz., 15c; ¼ lb., 60c.  
C728 Marjoram. Oz., 15c; ¼ lb., 50c.  
C730 Peppermint. Oz., 15c; ¼ lb., 50c.  
C732 Rosemary. Oz., 15c; ¼ lb., 50c.  
C736 Saffron. Oz., 15c; ¼ lb., 50c.  
C738 Sage. Oz., 15c; ¼ lb., 50c.  
C740 Summer Savory. Oz., 15c; ¼ lb., 50c.  
C744 Thyme. Oz., 15c; lb., 50c.  
C746 Wormwood. Oz., 15c; ¼ lb., 50c.



## FLOWER

### CANDYTUFT

They are among our best plants for edging and cutting. They are hardy annuals, bearing many large spikes of flowers during the season.

C900—M I X E D  
COLORS.

### CANNA

C902—L A R G E  
FLOWERING. Showy plants 4 ft. tall with large foliage. Handsome spikes of flowers in many glowing colors.

Giant  
Branching  
Aster

### ASTERS

Asters are great favorites for garden displays and for cut flowers as they last a long time in water. Asters prefer a rich soil and plenty of sunshine. For early plants start seed indoors.

**GIANT BRANCHING WILT RESISTANT.** This variety is very free blooming, producing double flowers of the broad petaled type. Good for cut flowers.

C798A—White.

C798B—Crimson.

C798C—Purple.

C798D—Peach Blossom.

C798E—M I X E D. Pkt., 8c. Separate colors, Pkt., 10c.  
C799E—GIANTS OF CALIFORNIA. Large double flowers with long curled petals growing on stems 1½ to 2 ft. long. Mixed colors. Pkt., 8c.

C814—PEONY FLOWERED. The petals of these large double flowers fold gracefully to the center. Mixed colors.

### ANTIRRHINUM

A very hardy annual which is admired by everyone and is easy to grow. They produce many spikes closely set with large flowers which bloom all summer and fall if seed pods are nipped off. The following are the rustproof strains:

C839—APPLE BLOSSOM. Huge flowers of rosy pink with white throat.

C840—RED CROSS. Deep rich crimson.

C841—CANARY BIRD. A deep yellow.

C842—FAIR LADY. Flowers are silver pink.

C843—M I X E D. An excellent mixture of many colors.

C838—GIANT FLOWERED. A good mixture of many colors. Not rustproof.

### BALSAM

Attractive bushy plants with large double brilliant flowers which are produced close to the stem.

C864—M I X E D C O L O R S.

### CALLIOPSIS

Bright, showy, hardy annual. Plants of easiest culture doing well in any sunny location. Sow seed where plants are to go.

C882—GOLDEN WAVE. Flowers a beautiful yellow with brown center borne on long wiry stems.

Little  
Dorrit  
Alyssum

### SWEET ALYSSUM

A very fragrant edging plant which starts blooming in early summer. Excellent for rock gardens where small plants are wanted. Cut back when through blooming and it will bloom again.

C830—LILAC QUEEN. Compact plant 6 inches high, covered with deep lilac flowers. Pkt., 8c.

C831—LITTLE DORRIT. Little bushes covered with miniature white flowers which are fragrant. Pkt., 8c.

C832—LITTLE GEM. The plants are so completely covered with snow white flowers they create the impression of a beautiful white carpet.

### AGERATUM

Ageratums remain in flower all summer.

C827—BLUE CAP. Very dwarf and compact. Leaves are small and the plants appear like miniature domes completely covered with deep blue flowers. Pkt., 10c.

C829—BLUE BALL. Compact round plants 6 to 8 in. tall hidden by a mass of pure blue flowers. Pkt., 10c.

### CUPHEA

C910—FIREFLY. Plants are dwarf, neat in habit and very showy. The flowers are small, fiery cerise in color, and bloom profusely all summer. Very showy for edging for rock gardens and mass plantings. Pkt., 15c.

### CHRYSANTHEMUM

C940—PERENNIAL MIXED.

### DAHLIA

Can be easily raised from seed and will bloom the first year. One of the best late summer flowering plants.

C950—CACTUS FLOWERED. A splendid mixture of large cactus flowered blooms. Pkt., 15c.

C952—DOUBLE MIXED. Large double flowers in a fine assortment of colors. Pkt., 15c.

C954—SINGLE MIXED. Produces flowers of large size. Pkt., 10c.

Apple  
Blossom  
Antirrhinum



# FRESH - Tested SEEDS

ALL FLOWER SEEDS 5c UNLESS QUOTED OTHERWISE

Orange King Calendula

## FOUR O'CLOCKS

An old fashioned flower. Of bushy habit bearing hundreds of beautiful flowers. They do well in any good garden soil. C1012—DWARF MIXED. A good mixture of many colors. Pkt., 5c; oz., 15c. C1016—A collection of 1 pkt. each of yellow, lilac, red, rose and white. 20c.

## GODETIA

An attractive hardy annual. The plant blooms profusely and bears flowers of satiny texture in many rich and varied colors. Does well in any garden soil. C1022—MIXED COLORS.

## DAISIES

C958—BURBANK'S GIANT SHASTA. Flowers very large and graceful; pure white; single. Grow on long, stiff stems. C963—LONGFELLOW. Double flowers of a beautiful deep pink. C965—MAMMOTH RED. Large, bright red, double flowers, which are very hardy.

## DELPHINIUM

Delphiniums are hardy, vigorous and free blooming. Soak the seed overnight and lime the soil where they are to be planted.

C968—TALL MIXED. Produces freely long, slender flower spikes of great beauty. Pkt., 7c. C967—BELLADONA HYBRIDS. This is one of the most beautiful of the perennial Delphiniums. It has many spikes of beautiful light blue flowers. Pkt., 7c. C974—PERENNIAL MIXED. Many flowers closely set on long spikes. Fine colors. C972—WREXHAM. Flowers in blue, white and pink combinations. This is a giant flowered strain often 1½ inches in diameter. Fine for bouquets. Pkt., 15c.

## FORGET-ME-NOT

C1008—ALPESTRIS. Lovely light blue flowers covering the plants completely during the spring. Does best in semi-shade. Pkt., 8c.

C1010—PALUS-TRIS. An attractive plant with its bright blue flowers and heavy dark green foliage. Plant in the shade. Pkt., 7c.

## CENTAUREA

Also called Bachelor's Button. They are easy to grow and bloom continuously.

C918—MIXED. Many varieties. C924—EMPEROR. Lovely dark blue flowers. C926—GYMNOCARPA. (Dusty Miller.) Finely cut foliage of silvery white color. Very showy foliage plants. Pkt., 8c.

## CALENDULA

An old time hardy annual which succeeds almost everywhere. Very showy in the garden and good for cut flowers. Plants are bushy with double flowers. C881—ORANGE KING. An extra fine Calendula producing dark orange flowers.

C883—CAMPFIRE. Deep orange with distinct scarlet sheen on the upper side of each petal. Pkt., 10c. C880—MIXED COLORS.

## CARNATION

For house and garden culture. Flowers are large and fragrant. Outdoor plants need protection.

C906—SONDEREGGER DOUBLE. Large double flowers which are sweet scented. Fine for house culture. Pkt., 15c.

C908—EVERBLOOMING FRENCH. Flowers are large, very double, of a rich color. Blooms in four months from seed. Pkt., 10c.

C914—GIANT MARGUERITE. Will bloom about four months after sowing, and bloom all through the summer. Flowers are large. Pkt., 8c.

## COCKSCOMB

Free flowering, highly ornamental plants of easiest culture. A lovely border plant. Flowers are suitable for winter bouquets.

C915—EMPRESS. Beautiful blood red combs. C916—DWARF MIXED. A good mixture of dwarf varieties.

New Hybrids Aquilegia

Sonderegger Double Carnation

## AQUILEGIA

C847—NEW HYBRIDS. This strain of long spurred Columbines has made a great hit with flower growers. The flowers are large with extra long spurs. Many beautiful colors. Pkt., 15c.

C844—COERULEA. (True Rocky Mountain.) Blue sepals with white corolla. Pkt., 10c.



# MORE FLOWERS

## SCABIOSA

Also known as Mourning Bride. Exceedingly pretty border plants. Splendid cut flowers. Bloom during the summer and fall.

- C1234—SNOWBALL.  
C1235—AMETHYST.  
C1237—FIERY SCARLET.  
C1239—GOLDEN YELLOW.  
C1236—DOUBLE MIXED.

## SUMMER CYPRESS

C1262—KOCHIA. Globe shaped bushes with pea green slender leaves until September when they turn blood red, and are tipped with small scarlet flowers.

## PORTULACA

Plant in a dry, sandy soil with full exposure to sun. Blooms profusely from early spring to fall. They give a dazzling display in beds, borders and rock gardens.

- C1200—SINGLE MIXED. Pkt., 5c.  
C1202—DOUBLE MIXED. Pkt., 8c.  
C1209—1 pkt. each of single white, pink, scarlet, yellow for 30c.  
C1212—1 pkt. each of double white, pink, scarlet, yellow for 35c.

## MIGNONETTE

C1072—GIANT MACHET. Flowers are larger than those of other sorts; the reddish spikes are very dense; its foliage is distinct, being crinkly, while its odor is most delicious. C1074—SWEET SCENTED. This is the old fashioned sweet scented variety.

## LANTANA

C1048—MIXED. Free blooming and rapid growing plants with flower heads of various colors which are continually changing, emitting a delightful perfume. Plants are completely loaded with blossoms. For summer bedding and inside winter blooming.

## SWEET WILLIAM

Popular hardy perennials. The broad clusters of fragrant flowers have delicately fringed petals. Will not bloom the first season from seed.

- C1220—DOUBLE MIXED. Very superior, containing all colors and shades. Pkt., 10c.  
C1222—SINGLE MIXED. Very choice assortment of all the best single varieties. Pkt., 10c.

## CAMPANULA

C891—CARPATICA. Plants form tufts of neat foliage, carrying the clear blue flowers on stems well above the foliage. Pkt., 10c.

C890—DOUBLE MIXED. Double flowering. C892—S I N G L E MIXED. Old fashioned variety with large bell shaped flowers.

C894—CUP and SAUCER. Bell shaped flowers nearly 4 inches across in saucers.

C893—A N N U A L MIXED. Blooms from seed in less than 6 months. Start seed indoors and transplant. Pkt., 10c.

## ESCHOLTZIA

A bright free flowering plant of low spreading growth with finely cut silvery foliage. The poppy-like flowers are produced from early spring until frost. Sow seed where plants are to remain.

C1002—DAZZLER. This new variety grows erect and its flowers are a bright scarlet. Pkt., 7c.

C1004—CALIFORNIA. Large yellow flowers.

C1003—ALBA. Pure white flowers.

## COSMOS

A tall, graceful, showy annual. Blooms profusely in late summer and fall. Excellent for cut flowers. Most beautiful when planted in masses or background borders against fences.

C945—ORANGE FLARE. This very lovely orange colored Cosmos blooms profusely and early. Stems are long, making this flower ideal for cutting. Pkt., 10c.

C946—EARLY FLOWERING MIXED. All colors of the single variety.

C949—DOUBLE FLOWERING. Showy plants about 4 ft. tall covered with a mass of lovely large double flowers.

## DIGITALIS

C994—THE SHIRLEY. Stately spikes growing up to 6 ft. tall, closely set with large bells in many bright colors.

## DIANTHUS

A lovely class of annual flowers for beds, borders and cutting. Of easy culture.

C975—SPLENDENS. The strongly sweet scented flowers are large, a brilliant crimson with a large white eye. Pkt., 10c.

C990 GRASS PINKS. The delicately fringed flowers are fragrant and fine for bouquets.

C997—SPECIAL MIXED. A splendid mixture of double pinks.

## GYPSOPHILA

C1024—Also called Angels' Breath and Baby Breath. Thrives anywhere and furnishes the loveliest material for all kinds of bouquets.

C1023—DOUBLE WHITE. Superior to the older hardy sorts, producing graceful sprays of tiny rose shaped flowers. Very desirable for cutting and if cut before opening may be dried and used for winter bouquets. Pkt., 15c.

## HOLLYHOCK

A hardy plant of upright growth suitable for a background or screen. The long spikes filled with blooms 3 inches across and growing close together make a beautiful display.

C1030—DOUBLE MIXED. Many colors. Pkt., 7c.

C1032—A collection of double white, pink, rose, crimson, yellow; 1 pkt. of each for 30c.

C1045—SINGLE MIXED. Many colors.

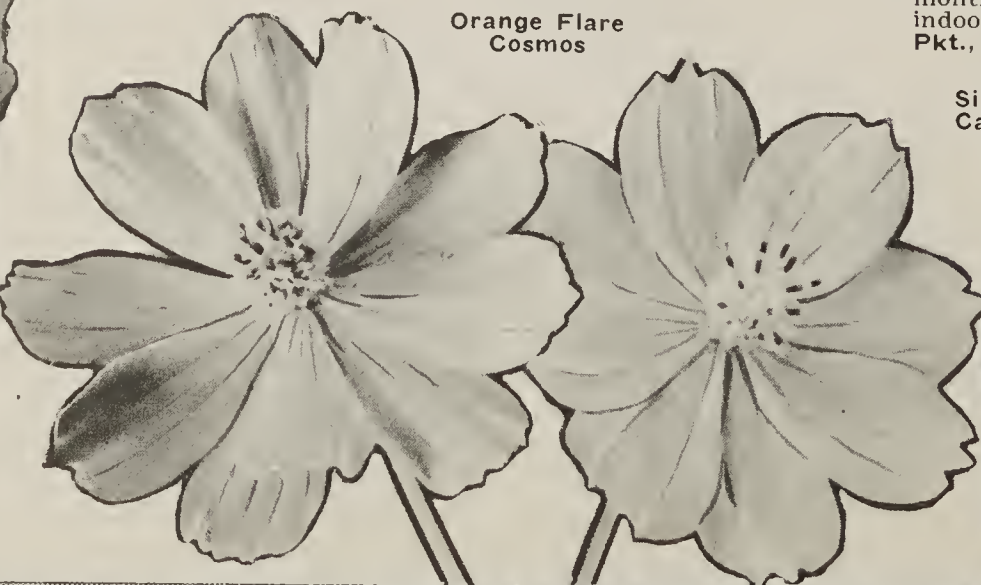
C1043—A collection of single white, pink, crimson, yellow, red; 1 pkt. of each for 20c.

Orange Flare  
Cosmos

Single Mixed  
Campanula

Dazzler  
Escholtzia

The Shirley  
Digitalis





# FOR COLOR IN Your Garden

## PHLOX DRUMMONDI

A hardy annual producing bushy plants carrying many broad, flat topped clusters of disc-like, five petaled flowers. They are especially enjoyed for their brilliant colors and long blooming period. Fine for beds and borders and also cut flowers.

- C1156—PHLOX ALBA. Extra large white flowers.  
C1160—PHLOX SPLENDENS. Deep crimson with white eye.  
C1157—PHLOX VIOLET. Bright violet.  
C1162—PHLOX YELLOW. Beautiful yellow.  
C1168—STARRED and FRINGED. This type of annual phlox is very attractive with its fringed and pointed petals in a wide range of colors.  
C1170—PHLOX, DWARF. Mixed colors. Pkt., 8c.  
C1172—PERENNIAL. Mixed colors. Pkt., 10c.  
C1158—PHLOX ROSE. Fine rose pink flowers.  
C1166—PHLOX, MIXED. Extra choice mixed colors.

Phlox  
Drummondii  
Mixed

## NASTURTIUM

C1093—GOLDEN GLEAM. This strain of double sweet scented nasturtiums has grown very popular. The plants grow same as single varieties but the flowers are much larger and of a beautiful orange color. They are very double. Pkt., 10c.

C1083—SCARLET GLEAM. In growth it is the same as Golden Gleam but the flowers are a bright scarlet color. They are also very double and sweet scented. Pkt., 15c.

C1085—GLORIOUS NEW HYBRIDS. These are of the same strain as the two above varieties. The flowers are of many beautiful shades, all colors mixed. They are double and sweet scented and are excellent for cut flowers. Pkt., 15c.

C1094—DWARF MIXED. This is the common variety. A collection of all colors. Pkt., 5c; oz., 15c.

## SWEET PEAS

Spencer Sweet Peas are the large flowering variety and also early blooming.

- C1272—Navy Blue. Pkt., 7c.  
C1278—Red Bird, Crimson. Pkt., 7c.  
C1280—Spring Song, Salmon. Pkt., 7c.  
C1282—Queen Crimson, Red. Pkt., 7c.  
C1286—Harmony Lavender. Pkt., 7c.  
C1288—Maroon Prince. Pkt., 7c.  
C1290—Valencia, Deep Orange. Pkt., 7c.  
C1292—Imperial Pink. Pkt., 7c.  
C1294—All White. Pkt., 7c.  
C1316—Mixed Colors. Pkt., 5c; oz., 15c.

## STRAWFLOWERS

Are especially good for winter bouquets. Pick when one-third open and hang heads down in a dry place until thoroughly dry.

C1376—HELICHRYSUM, MIXED. Wide range of brilliant colors.

C1382—SPECIAL MIXED. Many varieties.

Golden Gleam  
Nasturtium

## GAILLARDIA

A hardy perennial. The flowers are large, very numerous and fine for cutting.

C1018—SONDEREGGER NEW GIANT FLOWERING. This variety produces very large, handsome flowers of various colors.

C1020—DOUBLE ANNUAL. The large double flowers are round as a ball and in the most varied colors.

## PANSIES

For best results you must start a good strain of seed. The plants thrive best in a cool, well drained and enriched soil. Sow seeds in April and cover lightly. Soil should be kept moist until the plants are up.

C1105—SONDEREGGER'S NEW TRIUMPH. The flowers are large and of many beautiful colors. All pansy lovers should try a packet of these beautiful flowers. Pkt., 10c.

C1107—SWISS GIANT. The flowers are gigantic in size, perfectly round and shades previously unknown in this family. Pkt., 10c.

C1106—MASTERPIECE OF GERMANIA. The petals are crimped and in such a fashion that the flowers appear double. The flowers are often three inches across and the color variations are odd and striking, the rich, dark, velvety shades predominating. Pkt., 10c.

C1114—THE VIOLA. Hardy perennial pansies. Flowers are smaller than the regular type, yet they bloom more profusely and for a longer time. If seed is sown in April the plants will flower in June and bloom until frost. Pkt., 10c.

C1130—EXTRA FINE MIXED. An excellent mixture.

## VERBENA

C1330—CRIMSON GLOW. Rich glowing crimson: the flowers are a solid mass of color, making a striking bed or border. Pkt., 15c.

C1331—PRIDE OF OXFORD. They are fine for beds, continuing to produce a mass of bright red flowers until frost. Pkt., 15c.

C1324—NEW MAMMOTH. Individual flowers are larger than a quarter. Unsurpassed for profusion of bloom. Fancy mixed.

Sonderegger New  
Giant  
Flowering  
Gaillardia



# Easy to grow FLOWERS

## PETUNIA

Easy to grow and succeed most anywhere. They give constant bloom from June until frost. Sow seed in the open ground or inside if earlier flowers are desired.

C1153—GIANT RUFFLED. Large flowers with ruffled edges. Many good colors. Pkt., 10c.

C1143—PRIDE OF PORTLAND. A very beautiful deep pink. Pkt., 10c.

C1145—ROMANY LASS. A deep crimson. Pkt., 10c.

C1147—ROYAL PURPLE. Very deep purple. Pkt., 10c.

C1146—WHITE BEAUTY. Pure white. Pkt., 10c.

C1150—FLUFFY RUFFLES. A mixture of the above varieties. Pkt., 10c.

C1140—CALIFORNIA STAR. A beautiful velvety purple with pure white star. Pkt., 10c.

C1154 MIXED. Plain edged and a good mixture of many colors.

C1144—STRIPED and BLOTCHED. Blue and red with white stripes.

C1142—ROSE OF HEAVEN. Bushy plant with dark pink flowers. Pkt., 10c.

C1152—ROSY MORN. Clear pink with white throat, compact bushes and very free blooming. Pkt., 10c.

C1141—DOUBLE ROSY MORN. Medium sized flower, semi-double with heavy petals folding back from center of a lovely rose color. Pkt., 25c.

C1138—DOUBLE MIXED. Beautiful large flowering varieties. Pkt., 25c.

C1151—FLAMING VELVET. Deep velvety blood red. Pkt., 10c.

C1155—BURGUNDY. Flowers a rich wine red with contrasting white throat. Pkt., 10c.

## GOURDS

C1454—MIXED. Contains many varieties.

Photo:  
Marigold  
Crown of Gold

## MARIGOLD

A hardy annual of dense, bushy habit with finely cut bright green foliage. The flowers are large and are excellent for cutting.

C1064—CROWN OF GOLD. The flowers are medium size, about 2½ inches in diameter, are a lovely golden orange shade with a full crested center of small tubular petals surrounded by a single row of broad guard petals. Crown of gold is valuable as a cut flower as it does not have that pungent Marigold scent. Pkt., 15c.

C1065—GUINEA GOLD. Rich orange gold flowers. The flowers resemble giant carnations. Easy to grow. Pkt., 10c.

C1063—PRIMROSE QUEEN—Flowers are large, double and of a yellow primrose color. Pkt., 8c.

C1066—GOLDEN QUEEN. Plants grow about 18 inches tall. The flowers are very large and double, of a beautiful orange color. Pkt., 8c.

## POPPIES

C1174—TULIP FLOWERED. Large tulip shaped flowers of dazzling scarlet.

C1176—SHIRLEY. Handsome single flowers of glowing colors. Pkt., 10c.

C1178—DOUBLED PEONY FLOWERED. Flowers large as peonies and very double. Mixed colors.

C1198—ORIENTAL. Flowers are very large. They come in the most brilliant shades of red and increase in size from year to year. Pkt., 7c.

## SALVIA

Bushy plants covered with countless spikes of tubular florets. Used for hedges and edging shrubbery.

C1233—BONFIRE. Erect spikes of brilliant scarlet on plants about 14 inches high. Pkt., 8c.

C1232—SCARLET SAGE. Numerous spikes of vivid scarlet flowers 10 to 12 inches in length. Pkt., 8c.

Photo:  
Petunia  
Calif. Star

Shirley Poppy  
Very Free Bloomer



## QUALITY SEEDS

### ZINNIA

Deserve a prominent place in every garden. Plants form handsome bushes which produce flowers all summer and fall.

**C1351—FANTASY.** The well rounded medium sized flowers are borne on long, slender stems well above the foliage. They are composed of a mass of shaggy, twisted tubular petals which give the blooms a charming appearance. Mixed colors. Pkt., 10c.

**C1357—SCABIOSA, FLOWERED.** The plants grow 2 to 2½ ft. tall, bearing numerous medium sized flowers on good stems; excellent for cutting. The blooms are composed of a row of broad petals while the narrow center petals form a cushion-like mound similar to the annual scabiosa. Mixed colors.

**C1356 RED RIDING HOOD.** This tiny scarlet button Zinnia is one of the best known and most popular on the market. They bloom in about 45 days from planting.

**C1350—TALL DOUBLE.** All colors mixed.

**C1354—DOUBLE LILLIPUT.** A fine mixture of dwarf double Zinnias.

**C1352—NEW GIANT FLOWERED.** A well balanced mixture of all colors which make a gorgeous showing. Pkt., 10c.

**C1360—GIANT FLOWERED.** White. Pkt., 10c.

**C1362—GIANT FLOWERED.** Crimson. Pkt., 10c.

**C1364—GIANT FLOWERED.** Black Knight. Pkt., 10c.

**C1366—GIANT FLOWERED.** Violet. Pkt., 10c.

**C1368—GIANT FLOWERED.** Yellow. Pkt., 10c.

**C1358—ZINNIA COLLECTION.** 1 pkt. of each of the above five colors, 38c.



Single  
Pyrethrum

### PYRETHRUM

Showy plants 2 ft. tall bearing during the spring. Daisy-like flowers in white, rose, pink and red. A splendid cut flower.

**C1222—SINGLE MIXED.** Large flowers.

### SALPIGLOSSIS

**C1230—LARGE FLOWERING.** Many have called it the orchid of hardy annual flowers. The blooms are funnel shaped, something like a petunia only larger, and are borne on long stems, sometimes 2 or 3 flowers on a stem. The range of colors includes blue, brown, red and many others. And nearly every flower is veined with a glint of gold.

### CLIMBING VINES

**C1420—JAPANESE KUDZU VINE.** It is surprising how fast the vine will grow. The dark green leaves make a dense color.

**C1422 LATHYRUS (Hardy Sweet Peas).** The plants bloom a long season and are hardy. They come in shades of red, pink and white. An excellent plant for covering fences.

**C1407—CARDINAL CLIMBER.** Annual climber of rapid growth. The leaves are deeply notched which, with the many bright cardinal red flowers, give the vine a beautiful effect.

**C1426—MAMMOTH WHITE MOONFLOWER.** If grown on well enriched soil in a warm, sunny location and given plenty of water, the vine will reach an enormous height, often over 30 ft. Leaves are heart shaped and plants will bloom from July until frost.

**C1428—LILAC BLUE MOONFLOWER.** Lovely sky blue flowers.



Scabiosa, Flowered  
Zinnia

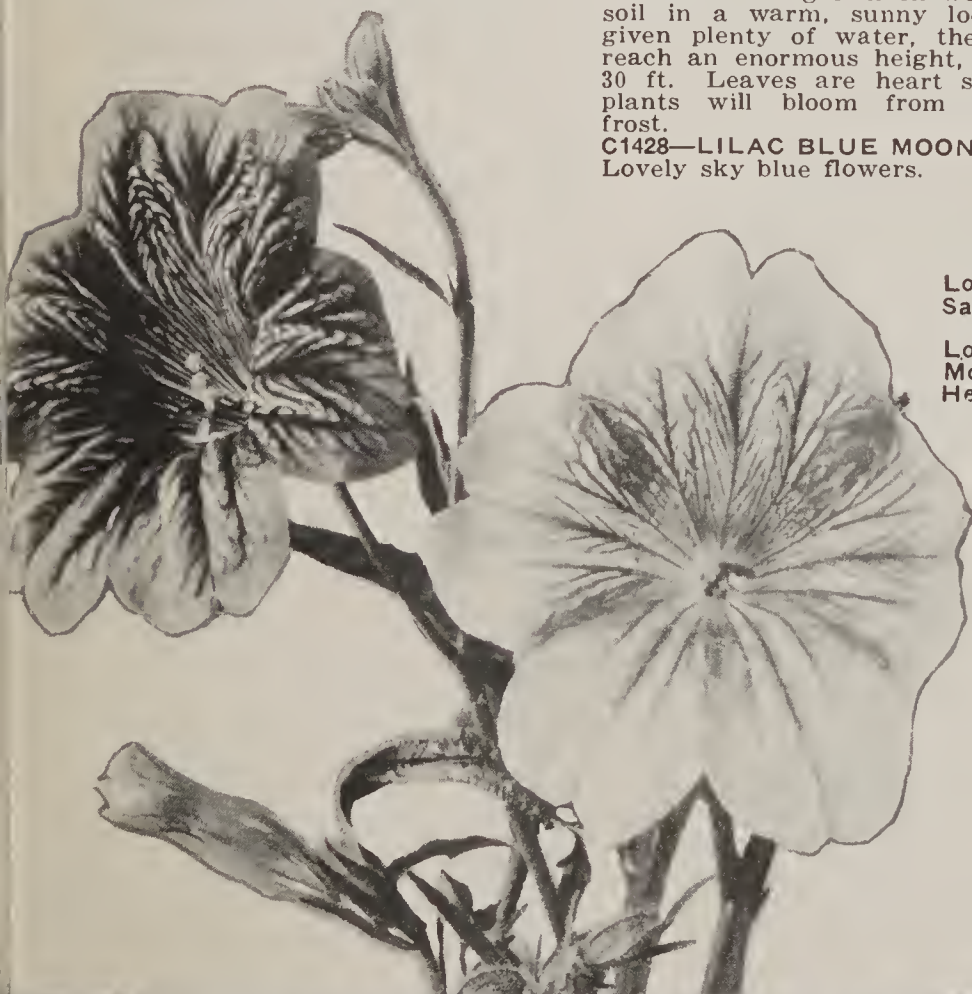
### CYPRESS VINE

A beautiful annual climber with fern-like foliage and graceful star shaped flowers.

**C1414—MIXED COLORS.**

### MORNING GLORY

**C1433—HEAVENLY BLUE.** A very rapid grower with beautiful sky blue flowers.



Lower left:  
Salpiglossis

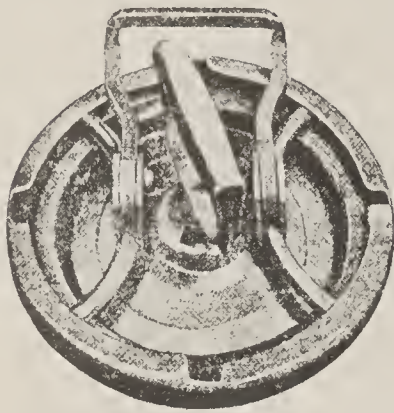
Lower right:  
Morning Glory  
Heavenly Blue





# SPRAYERS---Spraying Materials

## HUDSON PERFECTION CONTINUOUS HAND SPRAYER



This new sprayer is made so that the whole top can be removed, which makes it very easy to clean. The tanks are made of heavy galvanized steel; also copper. Contents four gallons. They are equipped with hose extension rod and a new brass nozzle which can be set to spray in any direction. This sprayer is made throughout from the very best materials and cannot be compared in quality with many of the cheap sprayers. Galvanized Sprayer, \$5.85. Brass Tank, \$8.69.

### HUDSON JUNIOR

This sprayer is made of the same material as the Hudson Perfection. It has a large funnel top which makes it easy to fill. Capacity 2½ gallons. It is equipped with extension rod hose and a new adjustable nozzle. Price: Galvanized Tank, \$4.35; Brass Tank, \$6.50; not prepaid.



### NOZZLE

Aphis adjustable nozzle is regular equipment on Perfection and Junior Sprayer. Extra Nozzle, \$1.00.

### LEVER SPRAY NOZZLE



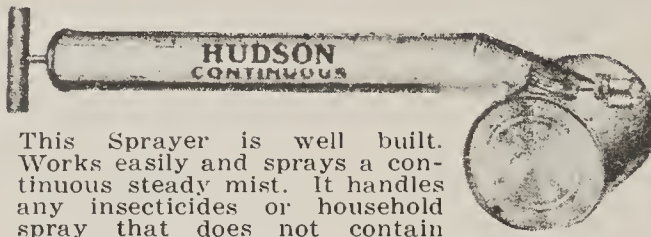
This is an ideal nozzle for spraying around the garden or lawn; also good for cleaning porches, cars, where water is turned on and off quite often. The nozzle is made of heavy brass and will last a long time. It is easily attached to any garden hose. Price, \$1.00, postpaid.



as BEANS, PEAS, SWEET PEAS, COW PEAS, SOY BEANS, ALFALFA AND CLOVER. Do not use Nitragin on other kinds of seeds. Nitragin improves the root system to such an extent as to give the plants a much better growth and greater productiveness.

When ordering please state the kind of seed you wish to treat. Nitragin is sold in tins, each containing the necessary quantity for a certain quantity of seed.

For beans, peas or sweet peas, enough to treat 4 pounds of seed, 10c, postpaid. For peanuts, soy beans and cowpeas, 1 bushel size, 30c; 2 bushel size, 50c; 5 bushel size, \$1.00. For alfalfa and all clovers, also Lespedeza, ½ bu., 30c; bu., 50c; 2½ bu., \$1.00; postpaid.

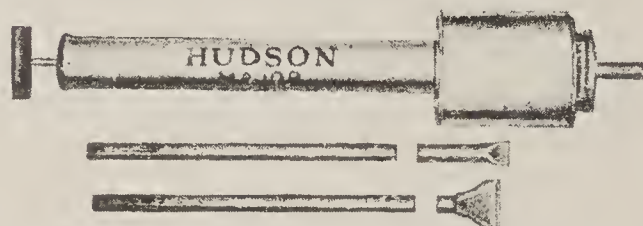


This Sprayer is well built. Works easily and sprays a continuous steady mist. It handles any insecticides or household spray that does not contain sediment. Especially adapted for use with preparations which destroy ordinary metal containers. Fitted with mist nozzle which sprays a fine fog. Price, 85c, postpaid.

### HUDSON CRITIC CONTINUOUS SPRAYER

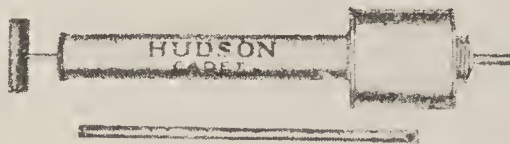
This Sprayer is made the same as our Continuous except that it has a glass container which holds about one quart. It also has the new mist nozzle. Price, \$1.25, postpaid.

### HUDSON MAJOR DUSTER



This new design duster has been tried out and is a big improvement over the old type. It dusts all kinds of fine powders very evenly. It does the job with less material, less energy, and does it better. Size of dust container 4 inches in diameter and 4½ inches long. Pump 14 inches long. Price, \$1.10; postpaid.

### CADET DUSTER



Same as Major Duster only smaller size, but does the work just as good. Price, 60c, postpaid.

### TRI-GEN

The All-Purpose Spray

#### A POSITIVE PLANT PROTECTION

This complete Rose Garden Spray Treatment—Tri-ogen—offers the first definite mildew and black spot control combined with an insecticide. It kills all insects, including the sucking and leaf-eating types. It remains on foliage, repelling subsequent attacks. Tri-ogen also stimulates plant growth, resulting in fine foliage and luxuriant blooms.

- A. Small Kit (makes 16 quarts), postpaid .....\$1.50
- B. Medium Kit (makes 64 quarts), postpaid ..... 4.00

### SONDEREGGER'S IMPROVED TREE WAX

Same as we use in our nursery for budding and grafting. ¼ lb., 20c; ½ lb., 35c; 1 lb., 65c; postpaid.

### SONDEREGGER'S ELASTIC PRUNING PAINT

Should be used wherever a limb is cut off or where the bark has been peeled off by rabbits. Prevents decay until the wound is healed. 1 pint, 55c; quart, 95c; postpaid. Not prepaid, gallon, \$2.25.

NOTICE—All Dusts should be applied with a dust gun. It does the work much better and is a big saving on dusting powder.

### APHICIDE

This insecticide has been thoroughly tried out and I find it to be the best nicotine dust on the market. It contains a large per cent of nicotine, which makes it most effective against the striped cucumber bugs and the green aphids, which causes large losses all through the Middle West. This dust should be applied with a dust gun so as to get underneath the leaves where the bugs are usually found. Aphicide is made so that it will cling to the plants which makes it very effective against chewing or succulent insects. It is a poison, so cannot be sent by parcel post. Price: 1-lb. cans, 35c; 5-lb., \$1.40; 10-lb., \$2.50. Kindly ask for prices on larger lots.

### HAMMOND'S SLUG SHOT

A non-poisonous insecticide. It is the safest, most effective, easiest to use and most economical general purpose insecticide made. Has given unusual satisfaction the world over for a half of a century. Can be used on cabbage, cauliflower, beans, etc., without fear of harm, as it does not contain poisonous ingredients. Lb., 32c; 5 lbs., \$1.30; postpaid. Not prepaid, lb., 25c; 5 lbs., \$1.00.

### LIQUID SLUG SHOT

This is a non-poisonous spray and is very effective on both chewing and sucking insects. There is no danger when using it on tomatoes, beans or other vegetables. I find it to be one of the best spray insecticides on the market. 1 oz. of Liquid Slug Shot makes 6 gallons of spray. 1 oz. bottle, 35c; 6 oz. bottles, \$1.10; postpaid.

### BLACK LEAF 40

(Sulphate of Nicotine)

Especially effective against green aphids and lice on Sweet Peas, Cucumbers and other vines. Also used against poultry, cattle and sheep lice. Follow directions on the bottle closely. Cannot be sent through the mail. 1 oz. bottle, 35c; 5 oz. tin, \$1.00; 2 lb. can, \$3.75; by express not prepaid.

### NICOTINE SOAP

THRIP-JUICE

For garden use I prefer this material to "Black Leaf 40," can be diluted in the same proportion, 1 oz. to 6 gallons of water, and is a little safer to use on plants by the amateur, and sticks better to the foliage. Pint can, 65c.

### PESTROY, or BORDEAUX MIXTURE

In the control of plant diseases and insects no spray has ever been manufactured to equal Pestroy. In case of fungus diseases also against chewing insects use Pestroy. This remedy is better known under the name Bordeaux Mixture. Pound, 45c, postpaid. Not prepaid, 4 lbs., \$1.10.

### GRAPE and ROSE DUST

Black spot on roses, powdery mildew on grapes and roses are easily controlled by this remedy, also the leaf eating insects. It is especially good to prevent mildew and black spot on roses. Plants should be dusted about once a week after they are well leafed out. 1-lb. can, 45c, postpaid; 5-lb. can, \$1.50, not prepaid.

### TOBACCO DUST

Destroys rose bugs, lice, vine bugs, tomato worms, currant worms, cabbage lice and worms and parasites of all descriptions. Should be applied when foliage is wet. Will not burn or injure the plants. Price: Lb., 22c; 5 lbs., 88c; 10 lbs., \$1.45; postpaid. Not prepaid, lb., 15c; 5 lbs., 65c; 10 lbs., \$1.00.



# BROODERS, TOOLS, TRAPS, Etc.

## PUTNAM BROODER



Each brooder will take care of 25 to 60 chicks. Needs filling once a week; will run a month on a gallon of coal oil. This brooder stove has given splendid results wherever it has been used. Write for special instructions for making box for brooder. Putnam Brooder, \$4.75, postpaid. Extra wicks with holders, 10c.

## PUTNAM STOVE

Absolutely fireproof and non-explosive. Cheap to operate, about 25c worth of coal oil will keep the water for the chickens at the right temperature for several weeks. No trimming necessary. The best water warmer on the market. I use them for warming water for the outdoor birds, which I feed and water all winter. \$1.95, postpaid. Write for further information. Extra wicks with holders, 10c each.

## PRUNING KNIVES

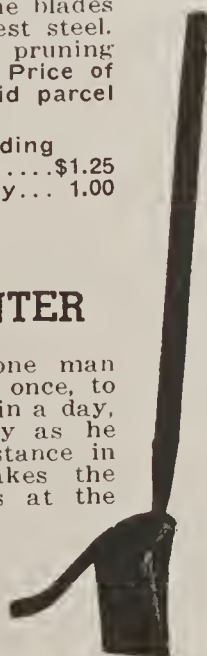


No. 4. A very good combination knife, used extensively in nurseries, parks and by fruit growers; 3½-inch handle. Contains pruning blade, jack-knife blade and budding blade, so that it combines all the cutting tools needed in orchard or garden. The blades are made of the very best steel. It is the best all-around pruning knife I have ever used. Price of No. 4, \$1.50 each, by paid parcel post.

No. 3—Pruning and Budding Blade ..... \$1.25  
No. 2—Pruning Blade only... 1.00

## ACME POTATO PLANTER

This planter enables one man going over the field but once, to plant two or more acres in a day, and this almost as easy as he could walk the same distance in the same time. It makes the holes, drops and covers at the same time. It is important in planting that they be dropped in moist soil and covered before the soil dries out. This the Acme Planter does perfectly. Weight, 2½ lbs. Price: \$1.25, not prepaid.



## KEES CALF WEANER

All you have to do is to open it up and close it on the calf's nostrils. One arm is riveted solid to the plate. The other can be turned back to open. A small brass spring holds this arm in place. It's light—it won't catch on things—the balls are perfectly smooth—there is nothing about it to injure the calf's nose. Won't break, made entirely of stamped steel, galvanized.

MADE IN TWO SIZES

Price: Small, size of plate, 3 inches by 4¾ inches, 30c each, by paid parcel post. Large, size of plate, 3¾ by 5 inches, 35c each, by paid parcel post.

## GARDEN TROWELS

These trowels are stamped out of one piece of heavy steel, which makes them stronger than the old style, two-piece trowels, with the handles riveted on. Price: Per trowel, 30c each; set of three, 75c; postpaid.



Germaco

## Hotkaps



Hotkaps are made from an especially prepared paper which is waterproof, and when set over a small plant it acts as a small greenhouse by furnishing an extra amount of heat in the early spring when the weather is still cool. Hotkaps not only make the young plants grow faster, but they protect them from frosts and insects. Hotkaps have been tried out for several years and we have many testimonials showing where Hotkaps produced ripe melons two weeks earlier than where they were not used. More information given on request.

Home Garden Package, 25 Hotkaps and Cardboard Setter, 65c postpaid, 50c not prepaid.

100 Hotkaps with Metal Setter and Tamper, \$2.85, postpaid.

250 Hotkaps with Metal Setter and Tamper, \$3.85, not prepaid.

1,000 Hotkaps only, \$10.25, not prepaid.

Steel Setter and Tamper, \$1.50, postpaid.

Garden Setter alone, 50c, postpaid.

Steel Tamper alone, 25c, postpaid.

Garden Hotkap Setter, 50c.

## RENKEN SURE-CATCH GOPHER TRAP



Renken Sure-Catch Gopher Trap

Gophers are easily caught with this trap. Dig in the gopher mound, clean out the lateral runway from mound to main runway. Always set trap in lateral runway, do not cover trap. Let light shine into the runway. First gopher that comes along will proceed to shut out the light and is caught. Never set trap in main runway. I have used these traps for years and have never found any better. Price, 80c; 2 for \$1.50; postpaid.

## CYCLONE HAND SEEDER

This Seeder is nationally known; it is well built and will last for years. It is equipped with shaker bottom and a good adjustable feed so that it sows most all seeds very evenly. It also has a shut-off that can be closed and opened again without changing gauge lever which regulates the amount of seed per acre. Price, \$2.50, postpaid.





## ALFALFA

One of the secrets of getting a good stand of Alfalfa lays in the preparation of the seed bed. It should be plowed or double disked, and then harrowed several times to get a firm seed bed. If the seed is sown broadcast best results are obtained by rolling, and if no roller is available I recommend a light harrowing. Can also be drilled about 1/2-inch deep. Sow early in the spring; 15 pounds per acre with drill, up to 20 pounds broadcast. The quality of the seed will always be of primary importance; on any cheap or second grade seed you are apt to get noxious weeds started. My seed comes from upland, it is hardy, and pure. I handle no second grade in any kind of seed. 3 lbs., \$1.15, postpaid.

## SWEET CLOVER

Can be sown earlier than Alfalfa, sowing and preparation of the seed bed same as for Alfalfa. Use only scarified seed to assure you of a 100% stand. White or Yellow Blossom Sweet Clover, your choice, scarified seed, 3 lbs., 60c, postpaid.

## RED CLOVER

I recommend it for Eastern Nebraska, Iowa and from there east. Makes an excellent hay crop under normal conditions. Also good for seeding in the bare spots in Alfalfa where it keeps weeds down, and makes good hay. Sow 7 to 10 lbs. per acre. Price: 3 lbs., \$1.25, postpaid.

## BROMUS INERMIS

This grass came through the extreme drought of recent years in better shape than any other grass, and just as good as our old original Prairie Grass. It will make more pasture or hay than any other grass except Crested Wheat Grass. A native of the Dakotas and Canada where it never winter-kills. In dry summers pasturing too close has killed out more pastures than the drought itself. Prepare the ground in the spring just as early as it can be worked (February or March), prepare it the same as for Alfalfa, sow 15 lbs. per acre, with 3 to 4 lbs. of Alfalfa seed. After seeding the ground should be rolled. My Northern Bromus can also be seeded with a wheat drill. Any further information on request, kindly write. 3 lbs., \$1.10, postpaid.

## CRESTED WHEAT GRASS

Without a doubt the hardiest all around grass we have. It has by far the strongest rooting system of all grasses. A Canadian Agricultural College states: "One plant of Crested Wheat Grass in two years time made over 200 miles of roots." That is a lot of roots for one plant. If there is any moisture in the ground anywhere that many roots should find it. Makes excellent pasture, and a big yield of fine quality hay. Seed can be drilled in rows 2 ft. apart, so that cultivation is possible, and in a few years you will have a spotless, perfect sod. 3-4 lbs. per acre. Price: 75c per pound, postpaid.

## WESTERN or SLENDER WHEAT GRASS

Very much the same as Crested Wheat Grass. It does not make quite as heavy a root system; however, it withstands cold winter as well as the hot and dry weather of the summer if not pastured too close. About equal to Bromus Inermis for pasture and for hay. The seed is much heavier than that of Bromus, and is therefore easier to sow. Use 12 to 15 pounds per acre with 3 pounds of Alfalfa. Price: 3 lbs., \$1.10, postpaid.

## NATIVE RYE GRASS

Makes a very good early pasture, but most of it goes to seed in August. With us here and in the North it is considered an annual grass, as it does not stand our winters very well. 3 lbs., 60c, postpaid.

## ENGLISH BLUE GRASS

Sow 25 to 35 lbs. per acre. Especially for low ground where it makes an excellent pasture, and good hay. Of course, where the water will stand longer than a day at a time it would not succeed. 3 lbs., 50c, postpaid.

# FARM AND

## Upland Grown Seeds of Perfect Germination

As this book goes to press in November prices on Field Seeds are uncertain. They cannot be quoted for several months ahead of time. I want to sell you first class seed at the lowest possible price, and for that reason I invite you to drop me a card, stating variety and quantity you will need, and I shall make you my best offer, with samples, freight quotation, and any information you may wish.

## TIMOTHY

An old variety of grass that is used quite extensively for pasture and for hay, and is often sown with Red Clover. For a pure sowing use from 11 to 15 lbs. per acre. 3 lbs., 50c, postpaid.

## SUDAN GRASS

This is a hot weather plant, and does best if planted right after corn planting time. It makes good pasture and good hay, due to its rapid growth it produces enormous quantities of feed. **Caution:** Use only pure Sudan seed, if you want to use it for pasture. There have been losses of cattle due to poisoning, and in practically every instance it was possible to prove that the Sudan was not pure, having contained cane seed. If you want it for hay sow June 1 and cut just before or right after a frost in the fall, same as Cane. It is almost impossible to get two good hay crops in one season. Sow 15 to 25 lbs. per acre. Price: 3 lbs., 35c, postpaid.

## MILLET

**C1570 German** This Millet matures about two weeks later than the small Common Millet. It grows 3 to 4 ft. tall, and makes an abundance of hay for milch cows. Sow 50 lbs. per acre for hay, or 35 lbs. for seed. Price: 3 lbs., 35c, postpaid.

**S1575 White Wonder** Very much like German Millet, except that the stalks are a little taller with large broad leaves and very large heads. Much earlier than German Millet which makes it very desirable for late sowing. Price: 3 lbs., 35c, postpaid.

## BARLEY

### Comfort or Smoothbearded

Has become very popular the past few years. It is early, and yields more here in the Middle West than any of the old varieties. The beards are perfectly smooth, making harvesting easy, and the straw is of much better quality for the stock. Price: 3 lbs., 30c, postpaid.

To give you the benefit of the most favorable prices I shall quote you my best price on the quantities and varieties you need. Kindly write for quotations.

## Seed Corn

### HYBRID CORN

**Nebraska No. 252** Introduced by the Nebraska Agricultural College and by tests found to be the best variety for Nebraska. Matures in 105 days. Price: 3 lbs., 90c; postpaid. Not prepaid, Peck, \$2.35; 1/2 bushel, \$4.25; bushel, \$8.00.

**Nebraska No. 110** Growers consider this Hybrid the best for all purposes, and it is the most widely adopted strain, highly disease-resistant. Produces medium size ears, stalks of medium height. All Hybrid Corn has been treated with Semesan. 3 lbs., 90c; postpaid. Peck, \$2.35; 1/2 bushel, \$4.25; bushel, \$8.00; not prepaid.

## OATS

**Nebraska No. 21** Introduced by the Nebraska Agricultural College, and is still one of the very best varieties for Nebraska, and any other locality where early Oats must be grown. Price: 3 lbs., 30c, postpaid.

**Texas Red** Oats of medium height, very leafy, and under normal conditions produces big yields. Having a good stiff straw it does not lodge easily. Texas Red has done well during the dry years. Price: 3 lbs., 30c, postpaid.

## SORGHUM or SUGAR CANE

**Black Amber** or Early Amber. One of the oldest and best known cane sorts.

**Early Orange** Larger and heavier stalks, and larger and more abundant leaves, also 3 to 4 weeks later than Black Amber and most other sorts of cane.

## Sonderegger's Improved Sorghum

For Sorghum or Molasses production this variety is much superior to the others. Stalks 8 to 10 feet high, averaging 1 1/2 to 2 inches in diameter which produce more and sweeter juice than any other kind I have ever tested. If you are growing Cane for Sorghum you should give this variety a trial. Plant in rows like corn, and thin out to 10 or 12 inches apart in the row. For feed or hay sow broadcast 2 bushels of seed per acre. Price: 3 lbs., 40c, postpaid.

## RUSSIAN SUNFLOWER

The largest of all sunflowers, grown for the seeds which are of great value for poultry feed. Highly productive. Sow 3 to 4 lbs. per acre. Price: 3 lbs., 65c, postpaid.

**Nebraska Yellow Dent** Matures in 100 days, ears well filled with broad deep kernels. A corn well suitable for general planting in the Middle West.

**Reid's Yellow Dent** A corn of light golden color. Large ears with closely set kernels. Ripens in 100 days.

**St. Charles White** Matures in 100 to 105 days. Red cob, smooth white kernels. Withstands dry weather fairly well, and is a good yielder.

**Iowa Silver Mine** 90 to 100 days. Pure white kernels on a small white cob. Shells out good, 70 lbs. of corn will make 62 lbs. shelled. Price of all four varieties listed above: 3 lbs., 45c. postpaid; peck, \$1.00.



# FIELD SEEDS

Practically all Types  
Perfect in Purity

All Field Seeds I carry in stock are first tested, then recleaned, and tested again, for Purity and Germination. Only seeds that come up to highest germination and perfect purity are added to my retail stock. This procedure in some instances is responsible for a slightly higher price, but it is also the reason why my customers continue to buy their Field and Garden Seeds from me, once they have found for themselves that seed of first class is cheap even if it would cost a few per cent more.

## DWARF ESSEX RAPE

For sheep and hog pasture, a most profitable plant. Can be sown in early spring along with oats or rye, and can be pastured within a week or so after harvest. Can also be sown on wheat, rye or oats stubble or any vacant land as late as end of July, and will yield immense crops within 6 to 8 weeks. Sow with drill, 3 lbs. per acre, or broadcast, 5 to 6 lbs. per acre. Price: 3 lbs., 45c; postpaid.

## SOJA or SOY BEANS

An erect growing plant of greatest value. For hay or for ensilage as good or better than clover, and yielding much heavier. The beans mature anywhere in the corn belt. They are of high feed value when ground. As a crop Soy Beans greatly improve the soil. Every farmer should make a trial at least with a small piece of ground, it will pay you well. Price: 45c per 3 lbs., postpaid.

## KAFFIR CORN

**White Kaffir** Matures in 115 to 130 days large heads of oval shaped seeds, white with a splash of red or black. For the seed sow 4 to 5 lbs. per acre in rows 3 feet apart, and for fodder sow 25 to 50 lbs. per acre with drill or broadcast. Makes a good quality hay, and produces well, two good cuttings per season. Price: 35c per 3 lbs.; postpaid.

**Red Kaffir** Seeds light red, and slightly smaller than Blackhull; grows more slender and ripens a little earlier. For hay it is practically the same as Blackhull. Price: 35c per 3 lbs., postpaid.

## WHEATLAND MILO

**Wheatland** A cross of Milo and Kaffir first produced in Oklahoma. Grows 2 to 3 ft. tall with stalks strong enough to resist lodging. Matures in 100 days, producing high test seeds, and can be harvested with the combine. For hay it is also very good, makes a finer hay than some of the tall growing sorts of forage plants. Price: 35c per 3 lbs., postpaid.

## Seed Potatoes

### RED RIVER—MINNESOTA GROWN, SPECIAL SELECT.

Double your yield by planting my Northern grown seed potatoes. Actual tests year after year show a much greater and better quality crop from my Northern stock.

**Irish Cobbler** One of the best for the Middle West, of uniform medium size, have a fine white skin, and are of excellent cooking quality. They are very early, and in a dry season, while there are not so many potatoes to the hill, they are still of good marketable size. In normal seasons Irish Cobbler makes wonderful crops, both in quality and quantity.

## DWARF HEGARI

Grows 4 to 5 ft. tall, and contains a considerable amount of sugar. The seed matures in 100 days, and is the size of Kaffir Corn, produced in large heads. It seems to do best on bottom land, and resists kernel smut. A good plant for grain or forage. Price: 35c per 3 lbs., postpaid.

## ATLAS SORGO

Grows 7 to 8 ft. tall with a sturdy leafy stalk abundantly juicy and sweet. It seems to resist dry weather well, and has few insect enemies. Stands up well. Atlas Sorgo in the Middle West should be grown as a fodder plant, and less for seed, as the seed matures quite late (130 days). My stock is all state certified. Price: 65c per 3 lbs., postpaid.

## GROHOMA

A midseason to late fodder plant 4 to 6 feet tall with stout stems. It is a cross between Feterita and Sorgo, does well on bottom land, and most anywhere, except very dry locations. Production of good hay from Grohoma is very satisfactory. Price: 35c per 3 lbs., postpaid.

## GERMAN PEAT MOSS

### Lawn and Poultry

Makes an excellent covering for a new lawn. After sowing seed it should be applied about 1/4 inch deep. A bale covers about 1,000 sq. ft. of lawn. Peat Moss helps to hold the moisture in the soil until the grass gets started. During the summer it protects the roots from the hot sun. It is excellent for mixing in the soil for shrubs and plants, especially roses. Mix about one-fourth Peat Moss with the soil for roses and shrubs and a little less for perennials and other plants. The horticulture grade should be used for lawns and plants. We also have the high quality poultry litter which is far superior in quality than the Swedish moss. The lawn moss is especially good for covering flowers and perennials in fall, also rock garden plants. Either kind, bale, \$3.10, not prepaid.

### Early Red Ohio

This has been a very popular variety for many years; it is a very good yielder. The skin is red, very smooth, and the cooking quality is good.

### Warba

This new potato has been making excellent crops. In the dry summer of 1937 it was one of the best yielders in the test plots of the Nebraska College of Agriculture. White skinned with pink eyes. In shape about the same as Irish Cobbler. The earliest white potato, being earlier than the old Bliss Triumph.

Price of all Seed Potatoes, 3 lbs. 35c, postpaid. Please write for prices on larger quantities.

# VELVETY LAWNS

from

Sonderegger's  
Clean Seeds

## FANCY KENTUCKY BLUE GRASS

One pound of this seed will make a perfect stand on 200 square feet. Figure your seed on that basis. Spade the ground about 6 inches deep. Rake the ground. Now apply 3 to 4 pounds of Vigoro per 100 square feet. Rake again lightly. Wait from two days to a week before sowing. If there is no rain during that time sprinkle the soil. Sow, rake lightly, then roll to pack the ground. Apply a cover of fine cut straw, or better, of Peat Moss, soak the lawn down heavily. A week or ten days later roll once more. During the first summer do not allow the new lawn to get dry, have your sprinkler going two or three times a week during dry weather. This is the absolutely safe and sure way of getting not only a lawn, but a most perfect lawn. One that feels like the nap of a deep-cushioned rug. You can leave out the Vigoro application, leave off the cover with fair results if weather conditions are favorable. But if you follow my instructions completely you can gamble on having a spotless, beautiful lawn, no matter what the weather might be. Fertilize with Vigoro, water, use good seed, roll and water. There is no substitute for this tested process. Per lb., 35c; 3 lbs., \$1.00; 5 lbs., \$1.40; postpaid. Six pounds or more for 23c per lb., not prepaid.

## WHITE DUTCH DWARF CLOVER

Figure one pound to 300 square feet. Sow and care just like for blue grass. I would not suggest that you sow this clover alone. However, mixed in with the blue grass the clover will show up better the first year. Later on the blue grass will eat up the clover. The latter is therefore a nurse crop to the blue grass. Per lb., 59c; 3 lbs., \$1.45; postpaid.

## SONDEREGGER'S SPECIAL LAWN GRASS MIXTURE

Contains in the proper proportion the Fancy Kentucky Blue Grass and White Dutch Dwarf Clover, and a little Red Top, properly mixed so as to make a good even stand. Sow just like described under Fancy Kentucky Blue Grass, no difference in the care. I have always found that this special mixture is superior to a straight blue grass sowing. I have also found that Rye grass and many other grasses recommended by some are of little value for a lawn here in the Middle West. Extra fine, choice seed, per lb., 48c; 3 lbs., \$1.32; 5 lbs., \$1.92; postpaid.

## VIGORO

### THE BEST FERTILIZER EVER PRODUCED.

Use it freely not only in lawns, any place in your garden, on your trees, shrubs, even on your pot flowers. When you use Vigoro you are taking no chances. The leading gardeners are using it, landscapers find it the key to success. Vigoro builds up the soil, gives it what plant life requires, a balanced ration of plant food. It is economical to use, its price is in no comparison to the wonderful results it gives. This is why I say: Use more Vigoro. 12 oz. pkt., 20c; 5 lbs., 65c; postpaid. Not prepaid: 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.



# GOOD FARM AND GARDEN BOOKS

**Tomato Production** The most complete account of tomato culture, in all its phases that has ever been gotten together. No gardener or farmer can afford to be without the book. Whether growing for home use or commercial purposes, the reader has here suggestions and information nowhere else available. Illustrated, 128 pages, 5x7 inches. Cloth \$1.50.

## Popular Fruit Growing

By S. B. Green, professor of Horticulture and Forestry in the University of Minnesota. This book gives full information in regard to planting and taking care of all kinds of fruit trees, also a complete spraying calendar, with necessary recipes, 328 pages. Price, well bound, cloth cover, \$1.50.

## Sweet Clover

White Flowering. By J. G. Haney. Not a weed, but a valuable crop. Practical experiences of farmers, who are growing and feeding Sweet Clover. A book which every farmer should have. 32 pages of practical information on the agricultural value of Sweet Clover. Illustrated, 6x9 inches, paper cover. Price, 25c.

## A Little Book on Perennials

By Alfred C. Hottes. This is a 170-page book, which gives full information for the growing of perennials from seed; also bulbs and cuttings. Everyone who owns a home should have one of these books. It will help you arrange your flower garden so that it will be permanent. Price, \$2.00; postpaid.

## Cultivation of the Mushroom

Everyone growing mushrooms should have one of these books, in order to get the best results. This is a 24-page book with paper cover and it gives full instructions about growing mushrooms. Price, 50c; postpaid.

## Make Your Garden Pay

This little book gives full information about the planting and growing of all kinds of vegetables. It also has many illustrations as well as other information that is valuable to anyone growing vegetables. Price, per copy, with paper cover, 30c; postpaid.

## Grow Your Own Fruit

Every one who is interested in growing fruit should have one of these 81-page fruit books. They give full information about planting and taking care of your fruit trees. They also give many helpful illustrations. This book has a paper cover, but is a wonderful buy for the money. If this book is not satisfactory, money will be returned. Price, 30c; postpaid.

## A Little Book of Annuals

By Alfred C. Hottes. This little 116-page book gives more information in regard to the growing and care of annual flowers than any other book I have ever seen. It gives full information about starting plants from seed, as to their care and time of blooming, etc. It also has many illustrations showing how seeds should be started, as well as illustrations of flowers, etc. Every lover of flowers should have one of these little books. Cloth bound. Price, \$1.90; postpaid.

## BOOKS IN FOREIGN LANGUAGES

### Praktisches Handbuch fuer

**Gartenfreunde** By Hesdoerffer-Daenhardt. A good book in German, with 205 illustrations, and 327 pages, covering practically all phases of gardening. Special price, \$1.65 each; postpaid.

### Hampel's Gardenbook

This book is printed in the German language. Many of my customers ask for a good garden book printed in that language. The "Hampel's Gartenbuch fur Jedermann" has just been completed and I can highly recommend it as the best garden book in German print for everyday use. It will be found satisfactory. The book is well illustrated, well bound. These books are imported from Germany. Price, \$3.25; postpaid.



### The Flower Grower

This is a monthly magazine, published by a man who knows flowers. I have been reading it for a number of years and find it to be the best magazine on flowers of any I have ever read. Every lover of flowers should read it. It gives much valuable information about what to plant, where to plant and how to plant it. Single copy, 25c; six months, \$1.25; year, \$2.00. Send me your subscription and I will see that you get this magazine.

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